

# Attachments

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9. SFPUC Monthly Historical Purchase Data for Hillsborough
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# Attachment 1

Hillsborough's 60 Day Notice of Intent to Revise Its UWMP



# TOWN OF HILLSBOROUGH

1600 FLORIBUNDA AVENUE  
HILLSBOROUGH  
CALIFORNIA  
94010-6418

## DEPARTMENT OF PUBLIC WORKS

March 18, 2011

To: BAWSCA Water Agencies and Interested Parties

SUBJECT: NOTICE OF UPDATE OF URBAN WATER MANAGEMENT PLAN

The Urban Water Management Plan Act (Water Code Section 10610- 10557) requires the Town of Hillsborough to review and update its Urban Water Management Plan by June 30, 2011. Our Plan was last updated in 2005. The Town invites your agency and our customers' participation in this review process.

The Town will make any proposed revisions to the Plan available for public review and will hold a public hearing later this year. In the meantime, if you would like to learn more about the current Plan, the schedule for considering changes to it, or how to participate in the process, please contact:

Ed Cooney  
Management Analyst  
Town of Hillsborough  
1600 Floribunda Avenue  
Hillsborough, CA 94010  
(650) 579-3355  
[ecooney@hillsborough.net](mailto:ecooney@hillsborough.net)

Sincerely,



John Mullins  
Interim Public Works Director

# Attachment 2

Hillsborough's UWMP Webpage

# Civica Software

CALIFORNIA



The Town of Hillsborough owns approximately 97 miles of water mains and 16 sites in-Town which includes 14 pump stations and 18 tanks. The Town is located next to an intricate watershed system and the magnificent Crystal Springs Reservoir, a major asset of the San Francisco Public Utilities Commission.

The Hillsborough Public Works Department manages the Town's water systems with a 12-person Water Operations staff. Hillsborough receives water from the [San Francisco Public Utilities Commission \(SFPUC\)](#) and is a

member of the [Bay Area Water Supply and Conservation Agency \(BAWSCA\)](#). This website contains information about the Town's water supply, [water quality](#), and [water conservation](#) programs.

Each year, the Town of Hillsborough publishes the results of its water quality testing operations in a consumer confidence report. To view this year's report click here. [Consumer Confidence Report 2009](#).

You can also find tips on how to conserve water in and around your home and links to regional rebate programs by visiting the [Water Conservation](#) section of this site.



## Town of Hillsborough Urban Water Management Plan Update

The Urban Water Management Plan Act (California Water Code §10610-10656) requires the Town of Hillsborough to update its Urban Water Management Plan ("UWMP") every five years. The UWMP evaluates Hillsborough's water supply and demand, and provides a blueprint for meeting the community's long-term water supply objectives. We are currently reviewing our UWMP, which was last updated in 2005, and invite you to participate in this process.

Proposed revisions to the UWMP will be made available for public review. The Draft UWMP will be available for public review beginning September 9, 2011. A public hearing will take place during the regularly scheduled City Council meeting on October 10, 2011. If no significant comments are received, the UWMP will be adopted on October 10, 2011. The adopted UWMP will be submitted to the Department of Water Resources, and will be available for Public review for 30 days after adoption, beginning on October 11, 2011. For additional information or to receive email notifications about the Town's UWMP, please contact:

John Mullins  
Town of Hillsborough  
Interim Public Works Director  
650-375-7444

[jmullins@hillsborough.net](mailto:jmullins@hillsborough.net)

#### **Urban Water Management Plan Development and Adoption Schedule**

<b>Activity</b>	<b>Date</b>
60 day UWMP update notification	March 18, 2011
Coordinate with retailers and other stakeholders	Ongoing
Make Draft UWMP available for public review	September 9, 2011
30 Day UWMP public review period & public hearing notification	September 9, 2011
Open public hearing & adoption	October 10, 2011
Submit adopted plan to DWR	October 11, 2011
Adopted plan available for review	October 11, 2011

To access the Town's 2005 Urban Water Management Plan, [click here](#). The DRAFT 2010 Urban Water Management Plan will be available here on September 9, 2011.

# Attachment 3

Hillsborough's Notice of Intent for UWMP and SBX7-7 Public Hearing

The Town of Hillsborough  
PUBLIC HEARING ON UPDATE OF URBAN WATER  
MANAGEMENT PLAN AND URBAN WATER USE  
TARGETS

California law requires that the Town of Hillsborough review and update its Urban Water Management Plan every five years. The Water Conservation Act of 2009 also requires that, in conjunction with the Town of Hillsborough's update to its Urban Water Management Plan, the community be given an opportunity to provide input on Hillsborough's 2015 and 2020 urban water use targets, as described in its Urban Water Management Plan, along with any impacts the targets may have on the local economy, and Hillsborough's method of determining these urban water use targets. The Town's City Council will hold a public hearing on the proposed revisions and updates to the 2010 Plan and on the 2015 and 2020 urban water use targets. The hearing will be held during the Town's October City Council meeting:

October 10, 2011, 6 p.m.  
Town Hall Council Chambers  
1600 Floribunda Avenue  
Hillsborough, CA 94110

The proposed update to the Plan is available for public review at the Town Hall administrative counter.

**SMCT 4154984**

**Sept. 12, 19, 2011**

# Attachment 4

Resolution Adopting Hillsborough's 2010 UWMP



## **TOWN OF HILLSBOROUGH**

**1600 Floribunda Avenue  
Hillsborough, CA 94010  
650/375-7412**

October 11, 2011

I, Miyuki Yokoyama, City Clerk for the Town of Hillsborough, do hereby certify that the attached Resolution 11-77 is an authentic copy of the original document of which is on file in my office.

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Miyuki Yokoyama, City Clerk

**RESOLUTION NO. 11-77**

**RESOLUTION OF THE CITY COUNCIL OF THE TOWN OF HILLSBOROUGH  
ADOPTING THE TOWN OF HILLSBOROUGH'S 2010 URBAN  
WATER MANAGEMENT PLAN**

**WHEREAS**, the Urban Water Management Planning Act, contained in the California Water Code, Division 6, Part 2.6, Section 10610, requires that urban water suppliers serving more than 3,000 customers or providing more than 3,000 acre-feet of water annually to develop an Urban Water Management Plan every fifth year ending in five and zero; and

**WHEREAS**, the Town of Hillsborough is an urban supplier of more than 3,000 acre-feet of water annually to greater than 3,000 customers; and

**WHEREAS**, the Town's Public Works Department has prepared the Town's 2010 Urban Water Management Plan pursuant to the State of California's Urban Water Management Planning Act; and

**WHEREAS**, local water retailers, public agencies, and the public were notified of and encouraged to participate in the Town's preparation of its 2010 Urban Water Management Plan, pursuant to State Water Code Sections 10620(d)(2) and 10621(b); and

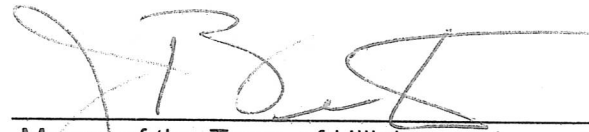
**WHEREAS**, SBX7-7, otherwise known as the Water Conservation Bill of 2009, requires a public hearing to discuss the method of determining urban water use targets and potential economic impacts from meeting said requirements; and

**WHEREAS**, the Town of Hillsborough has prepared and circulated for public review a draft 2010 Urban Water Management Plan, and a duly noticed public hearing pursuant to California Water Code Section 10642 and Government Code Section 6066 was held by the City Council on October 10, 2011.

**NOW, THEREFORE, BE IT RESOLVED**, that the Town of Hillsborough's 2010 Urban Water Management Plan is hereby adopted; and

**BE IT FURTHER RESOLVED**, that the Public Works Department is hereby authorized and directed to file the aforesaid Plan with the California Department of Water Resources, the California State Library, and the County of San Mateo within thirty days of the adoption of this resolution.

  
Attest: City Clerk

  
Mayor of the Town of Hillsborough

This resolution was adopted by the City Council of the Town of Hillsborough at its regular meeting held on the 10<sup>th</sup> day of October 2011, by the following vote of the members thereof:

AYES:	Councilmembers	<u>Benton, Krolik, Chuang, May</u>
NOES:	Councilmembers	<u>None</u>
ABSENT:	Councilmembers	<u>Kasten</u>
ABSTAIN:	Councilmembers	<u>None</u>

# Attachment 5

Department of Finance Population and Household Data

**REPORT 90 E-4**  
**Population Estimates for California State and Counties**  
**January 1, 1981 to January 1, 1990**

<b>COUNTY</b>	<b>1-1-81</b>	<b>1-1-82</b>	<b>1-1-83</b>	<b>1-1-84</b>	<b>1-1-85</b>	<b>1-1-86</b>	<b>1-1-87</b>	<b>1-1-88</b>	<b>1-1-89</b>	<b>1-1-90</b>
<b>SAN MATEO</b>	<b>589,600</b>	<b>592,900</b>	<b>599,600</b>	<b>607,900</b>	<b>614,400</b>	<b>618,600</b>	<b>622,600</b>	<b>629,800</b>	<b>638,300</b>	<b>647,400</b>
Atherton	7,775	7,650	7,650	7,600	7,525	7,450	7,350	7,375	7,250	7,175
Belmont	24,400	24,300	24,350	24,450	24,400	24,400	24,300	24,100	24,050	24,100
Brisbane	2,960	2,990	2,980	2,980	2,990	2,980	2,940	2,900	2,910	2,920
Burlingame	26,150	26,200	26,500	26,550	26,750	26,700	26,650	26,650	26,650	26,750
Colma	420	530	840	860	900	930	960	980	1,030	1,090
Daly City	79,100	80,100	81,600	82,900	84,500	85,600	86,600	88,900	90,200	91,800
East Palo Alto	(1)	(1)	(1)	20,400	21,000	21,500	21,950	22,300	22,800	23,350
Foster City	23,300	23,550	23,650	23,800	23,700	25,400	26,250	27,550	28,100	28,150
Half Moon Bay	7,275	7,225	7,275	7,325	7,500	7,550	7,725	7,850	8,300	8,775
<b>Hillsborough</b>	<b>10,500</b>	<b>10,550</b>	<b>10,600</b>	<b>10,600</b>	<b>10,700</b>	<b>10,650</b>	<b>10,600</b>	<b>10,600</b>	<b>10,650</b>	<b>10,700</b>
Menlo Park	26,300	26,300	26,450	26,550	27,700	27,800	27,500	27,450	27,800	28,050
Millbrae	20,050	20,050	20,150	20,200	20,150	20,150	20,200	20,250	20,200	20,450
Pacifica	36,700	36,550	36,650	36,650	36,700	36,850	36,600	36,500	37,000	37,500
Portola Valley	3,960	4,000	3,990	4,020	4,020	4,070	4,150	4,170	4,220	4,210
Redwood City	55,300	55,700	57,000	57,800	59,000	59,800	61,300	62,200	63,700	65,600
San Bruno	35,500	35,400	35,700	35,800	36,200	36,350	36,500	37,950	38,200	38,900
San Carlos	24,850	25,050	25,250	25,300	25,450	25,550	25,450	25,550	25,700	26,100
San Mateo	77,900	78,300	79,800	81,400	82,600	82,600	83,200	83,100	84,700	85,200
South San Francisco	50,200	51,000	51,200	52,100	52,800	52,700	52,700	52,800	53,400	54,000
Woodside	5,275	5,225	5,175	5,150	5,125	5,100	5,075	5,050	5,050	5,050
Incorporated	517,800	520,700	526,800	552,400	559,700	564,100	567,900	574,200	582,000	589,900
Unincorporated	71,800	72,100	72,800	55,500	54,700	54,400	54,700	55,600	56,400	57,500

Table 2:

**Historical City, County, and State Population Estimates, 1991-2000, with 1990 and 2000 Census Counts**  
**Official State Estimates**

<b>City</b>	<b>4/1/1990</b>	<b>1/1/1991</b>	<b>1/1/1992</b>	<b>1/1/1993</b>	<b>1/1/1994</b>	<b>1/1/1995</b>	<b>1/1/1996</b>	<b>1/1/1997</b>	<b>1/1/1998</b>	<b>1/1/1999</b>	<b>1/1/2000</b>	<b>4/1/2000</b>
<b>San Mateo</b>												
Atherton	7,163	7,008	7,055	7,078	7,064	7,083	7,109	7,147	7,184	7,190	7,194	7,194
Belmont	24,165	24,024	24,267	24,428	24,720	24,193	24,295	24,469	24,914	24,970	25,021	25,123
Brisbane	2,952	2,922	2,924	2,916	2,897	2,850	2,816	2,854	2,883	2,906	3,543	3,597
Burlingame	26,666	26,592	26,722	27,017	27,080	27,198	27,261	27,575	27,765	27,881	28,001	28,158
Colma	1,103	1,132	1,116	1,116	1,129	1,170	1,172	1,171	1,193	1,191	1,186	1,187
Daly City	92,088	93,153	95,100	96,360	97,504	97,637	98,962	100,683	102,024	102,769	103,328	103,625
East Palo Alto	23,451	23,932	24,789	25,287	25,888	26,712	27,276	27,924	28,579	29,150	29,219	29,506
Foster City	28,176	27,912	27,990	28,233	28,020	28,046	28,074	28,348	28,559	28,690	28,767	28,803
Half Moon Bay	8,886	9,520	9,855	10,137	10,330	10,646	10,895	11,206	11,449	11,578	11,776	11,842
<b>Hillsborough</b>	<b>10,667</b>	<b>10,588</b>	<b>10,600</b>	<b>10,661</b>	<b>10,632</b>	<b>10,701</b>	<b>10,712</b>	<b>10,754</b>	<b>10,820</b>	<b>10,814</b>	<b>10,819</b>	<b>10,825</b>
Menlo Park	28,403	28,517	28,723	29,076	29,158	29,535	29,614	29,877	30,297	30,490	30,717	30,785
Millbrae	20,414	20,296	20,423	20,626	20,703	20,795	20,862	20,987	21,128	20,888	20,671	20,718
Pacifica	37,670	37,422	37,626	37,765	37,667	37,305	37,640	37,873	38,097	38,183	38,320	38,392
Portola Valley	4,195	4,125	4,141	4,184	4,235	4,289	4,312	4,359	4,393	4,417	4,449	4,462
Redwood City	66,072	66,617	67,437	68,167	68,626	69,376	70,275	71,435	72,754	73,835	75,218	75,402
San Bruno	38,961	38,734	38,848	39,248	39,281	39,472	39,535	39,731	39,956	39,999	40,078	40,165
San Carlos	26,382	26,228	26,392	26,618	26,714	27,022	27,091	27,236	27,423	27,514	27,664	27,718
San Mateo	85,619	85,674	86,306	87,232	88,078	89,223	89,503	90,198	90,829	91,022	92,270	92,482
South San Francisco	54,312	54,371	54,902	55,187	55,668	55,443	55,748	56,171	57,225	58,754	60,302	60,552
Woodside	5,034	5,009	5,022	5,084	5,062	5,170	5,201	5,265	5,350	5,396	5,341	5,352
Balance Of County	57,244	57,317	57,742	57,974	58,255	59,408	59,573	59,890	60,267	60,696	61,168	61,275

**Table 2: E-4 Population Estimates for Cities, Counties and State, 2001-2010  
with 2000 Benchmark**

<b>COUNTY/CITY</b>	<b>4/1/2000</b>	<b>1/1/2001</b>	<b>1/1/2002</b>	<b>1/1/2003</b>	<b>1/1/2004</b>	<b>1/1/2005</b>	<b>1/1/2006</b>	<b>1/1/2007</b>	<b>1/1/2008</b>	<b>1/1/2009</b>	<b>1/1/2010</b>
<b>San Mateo County</b>											
Atherton	7,194	7,212	7,188	7,194	7,234	7,230	7,250	7,367	7,447	7,464	7,554
Belmont	25,123	25,214	25,136	25,327	25,320	25,382	25,609	25,706	25,984	26,243	26,507
Brisbane	3,597	3,617	3,640	3,637	3,669	3,713	3,738	3,763	3,848	3,937	3,993
Burlingame	28,158	28,320	28,278	28,179	28,168	28,180	28,277	28,453	28,762	29,050	29,342
Colma	1,187	1,190	1,196	1,193	1,295	1,563	1,574	1,584	1,607	1,622	1,637
Daly City	103,625	104,019	103,909	104,011	104,162	104,194	104,560	105,256	105,883	107,083	108,383
East Palo Alto	29,506	30,517	31,812	31,622	31,789	32,080	32,034	32,386	32,779	33,164	33,524
Foster City	28,803	28,878	28,783	29,743	29,718	29,770	29,854	30,041	30,196	30,421	30,719
Half Moon Bay	11,842	11,960	12,114	12,256	12,352	12,646	12,719	12,821	13,001	13,206	13,371
Hillsborough	10,825	10,888	10,921	10,931	10,945	10,945	10,948	11,039	11,230	11,390	11,537
Menlo Park	30,785	30,931	30,900	30,714	30,649	30,541	30,704	30,919	31,378	31,858	32,185
Millbrae	20,718	20,776	20,715	20,657	20,643	20,636	20,703	20,810	21,311	21,531	21,968
Pacifica	38,392	38,637	38,569	38,501	38,516	38,542	38,679	38,956	39,473	39,984	40,431
Portola Valley	4,462	4,474	4,486	4,483	4,521	4,523	4,546	4,585	4,622	4,670	4,725
Redwood City	75,402	75,665	75,963	75,773	75,743	75,723	75,971	76,454	76,991	77,796	78,568
San Bruno	40,165	40,277	40,139	40,853	40,858	41,301	41,451	41,828	43,286	43,798	44,294
San Carlos	27,718	27,804	27,758	27,689	27,696	27,882	28,012	28,216	28,542	28,829	29,155
San Mateo	92,482	92,794	93,607	93,418	93,847	93,883	94,170	94,798	95,431	96,529	97,535
South San Francisco	60,552	60,833	60,687	60,693	60,909	61,444	61,729	62,143	63,512	65,000	65,872
Woodside	5,352	5,377	5,361	5,345	5,450	5,476	5,496	5,522	5,604	5,664	5,738
Balance Of County	61,275	62,882	63,260	63,615	64,041	64,190	64,659	65,072	65,607	66,415	67,247
Incorporated	645,888	649,383	651,162	652,219	653,484	655,654	658,024	662,647	670,887	679,239	687,038
County Total	707,163	712,265	714,422	715,834	717,525	719,844	722,683	727,719	736,494	745,654	754,285

# Attachment 6

Association of Bay Area Governments Population and  
Household Data

<b>Total Population</b>	<b>Subregional Study Area</b>							
	<b>2000</b>	<b>2005</b>	<b>2010</b>	<b>2015</b>	<b>2020</b>	<b>2025</b>	<b>2030</b>	<b>2035</b>
ATHERTON*	7,194	7,300	7,400	7,500	7,600	7,600	7,600	7,600
BELMONT**	25,287	25,700	25,900	26,600	27,100	28,000	28,500	29,000
BRISBANE**	3,597	3,700	3,900	4,600	5,300	6,100	7,000	7,700
BURLINGAME**	29,354	29,500	29,700	31,200	33,000	34,200	35,400	36,500
COLMA*	1,187	1,500	1,600	1,700	1,800	1,900	1,900	2,000
DALY CITY**	108,783	110,100	111,100	117,400	123,900	128,800	135,900	143,100
EAST PALO ALTO*	29,506	32,200	32,700	34,900	37,100	39,200	41,400	43,300
FOSTER CITY*	28,803	29,900	30,100	31,000	31,700	32,300	33,000	33,600
HALF MOON BAY*	11,842	12,600	13,000	13,200	13,400	13,600	13,800	13,900
HILLSBOROUGH*	10,825	11,000	11,100	11,500	12,000	12,500	13,000	13,400
MENLO PARK**	35,254	35,200	36,200	37,900	39,300	40,600	41,600	43,400
MILLBRAE**	20,718	20,900	21,600	22,600	23,600	24,700	25,700	26,700
PACIFICA**	38,445	38,800	39,100	39,200	39,400	39,600	39,700	39,800
PORTOLA VALLEY**	6,905	7,000	7,100	7,100	7,200	7,200	7,300	7,300
REDWOOD CITY**	99,210	99,500	101,400	106,300	111,500	116,400	120,400	124,200
SAN BRUNO**	40,165	41,400	43,000	45,600	48,600	51,200	53,400	55,800
SAN CARLOS**	29,018	29,600	29,800	30,900	32,400	33,500	34,200	34,800
SAN MATEO**	96,692	99,100	99,700	105,000	110,500	116,000	121,100	126,400
SOUTH SAN FRANCISCO**	60,732	61,900	63,400	66,800	69,900	72,700	75,400	77,900

WOODSIDE**	6,456	6,700	6,800	6,800	6,800	6,900	6,900	6,900
HALF MOON BAY UNINC.***	10,627	11,400	11,600	11,700	11,700	11,700	11,800	11,800
S.F. AIRPORT***	0	0	0	0	0	0	0	0
REMAINDER	6,563	6,900	7,100	7,400	7,500	7,700	7,800	7,900
<b>SAN MATEO COUNTY</b>	<b>707,163</b>	<b>721,900</b>	<b>733,300</b>	<b>766,900</b>	<b>801,300</b>	<b>832,400</b>	<b>862,800</b>	<b>893,000</b>

\*CITY      \*\*CITY SPHERE OF INFLUENCE      \*\*\*OTHER SUBREGIONAL AREA

Household Population	Subregional Study Area							
	2000	2005	2010	2015	2020	2025	2030	2035
ATHERTON*	6,876	7,000	7,100	7,200	7,200	7,200	7,200	7,200
BELMONT**	24,660	25,100	25,300	25,900	26,400	27,300	27,800	28,300
BRISBANE**	3,557	3,700	3,800	4,500	5,200	6,000	6,900	7,600
BURLINGAME**	28,811	28,900	29,100	30,600	32,400	33,600	34,800	35,900
COLMA*	1,138	1,500	1,500	1,600	1,700	1,800	1,800	1,900
DALY CITY**	107,921	109,200	110,100	116,400	122,900	127,800	134,900	142,100
EAST PALO ALTO*	29,317	32,000	32,500	34,700	36,900	39,000	41,200	43,100
FOSTER CITY*	28,716	29,800	30,000	30,900	31,600	32,200	32,900	33,500
HALF MOON BAY*	10,994	11,700	12,000	12,200	12,400	12,600	12,800	12,900
<b>HILLSBOROUGH*</b>	<b>10,823</b>	<b>11,000</b>	<b>11,100</b>	<b>11,500</b>	<b>12,000</b>	<b>12,500</b>	<b>13,000</b>	<b>13,400</b>
MENLO PARK**	34,288	34,300	35,100	36,800	38,200	39,500	40,500	42,300

MILLBRAE**	20,386	20,500	21,200	22,200	23,200	24,300	25,300	26,300
PACIFICA**	38,264	38,600	38,900	39,000	39,200	39,400	39,500	39,600
PORTOLA VALLEY**	6,816	6,900	7,000	7,000	7,100	7,100	7,200	7,200
REDWOOD CITY**	96,970	97,300	98,700	103,600	108,700	113,600	117,600	121,400
SAN BRUNO**	39,944	41,200	42,800	45,400	48,300	50,900	53,100	55,500
SAN CARLOS**	28,778	29,300	29,500	30,600	32,100	33,200	33,900	34,500
SAN MATEO**	95,206	97,700	98,100	103,300	108,700	114,200	119,300	124,600
SOUTH SAN FRANCISCO**	60,275	61,400	62,900	66,300	69,400	72,200	74,900	77,400
WOODSIDE**	6,446	6,700	6,800	6,800	6,800	6,900	6,900	6,900
HALF MOON BAY UNINC.***	10,487	11,300	11,500	11,500	11,500	11,500	11,600	11,600
S.F. AIRPORT***	0	0	0	0	0	0	0	0
REMAINDER	6,040	6,400	6,500	6,800	6,900	7,100	7,200	7,300
<b>SAN MATEO COUNTY</b>	<b>696,713</b>	<b>711,500</b>	<b>721,500</b>	<b>754,800</b>	<b>788,800</b>	<b>819,900</b>	<b>850,300</b>	<b>880,500</b>

\*CITY      \*\*CITY SPHERE OF INFLUENCE      \*\*\*OTHER SUBREGIONAL AREA

Households	Subregional Study Area							
	2000	2005	2010	2015	2020	2025	2030	2035
ATHERTON*	2,413	2,440	2,490	2,510	2,530	2,540	2,560	2,580
BELMONT**	10,512	10,740	10,840	11,080	11,340	11,600	11,850	12,090
BRISBANE**	1,620	1,690	1,730	2,040	2,330	2,690	3,070	3,410
BURLINGAME**	12,908	13,010	13,110	13,730	14,370	15,020	15,660	16,300
COLMA*	327	440	460	470	480	490	500	520
DALY CITY**	32,475	32,960	33,330	35,080	36,900	38,720	40,660	42,580
EAST PALO ALTO*	6,976	7,620	7,780	8,280	8,790	9,300	9,790	10,260
FOSTER CITY*	11,613	12,090	12,210	12,610	12,930	13,250	13,570	13,880
HALF MOON BAY*	4,004	4,330	4,440	4,500	4,560	4,640	4,680	4,730
HILLSBOROUGH*	3,689	3,750	3,810	3,950	4,090	4,250	4,410	4,560
MENLO PARK**	14,136	14,180	14,630	15,160	15,710	16,260	16,810	17,360
MILLBRAE**	7,956	7,980	8,200	8,510	8,830	9,150	9,490	9,820
PACIFICA**	14,021	14,190	14,350	14,390	14,440	14,510	14,580	14,630
PORTOLA VALLEY**	2,618	2,660	2,690	2,700	2,730	2,760	2,790	2,810
REDWOOD CITY**	35,247	35,500	36,110	37,780	39,480	41,190	42,900	44,620
SAN BRUNO**	14,677	15,210	15,820	16,640	17,500	18,360	19,230	20,130
SAN CARLOS**	11,941	12,210	12,340	12,780	13,290	13,770	14,090	14,390

SAN MATEO**	38,874	40,030	40,350	42,500	44,910	47,410	49,890	52,380
SOUTH SAN FRANCISCO**	19,726	20,180	20,690	21,800	22,890	23,980	25,070	26,150
WOODSIDE**	2,373	2,440	2,470	2,480	2,490	2,500	2,500	2,510
HALF MOON BAY UNINC.***	3,778	4,080	4,160	4,180	4,200	4,220	4,230	4,240
S.F. AIRPORT***	0	0	0	0	0	0	0	0
REMAINDER	2,220	2,340	2,390	2,510	2,560	2,610	2,640	2,670
<b>SAN MATEO COUNTY</b>	<b>254,104</b>	<b>260,070</b>	<b>264,400</b>	<b>275,680</b>	<b>287,350</b>	<b>299,220</b>	<b>310,970</b>	<b>322,620</b>

\*CITY    \*\*CITY SPHERE OF INFLUENCE    \*\*\*OTHER SUBREGIONAL AREA

## Persons Per Household

### Subregional Study Area

	2000	2005	2010	2015	2020	2025	2030	2035
ATHERTON*	2.85	2.87	2.85	2.87	2.85	2.83	2.81	2.79
BELMONT**	2.35	2.34	2.33	2.34	2.33	2.35	2.35	2.34
BRISBANE**	2.20	2.19	2.20	2.21	2.23	2.23	2.25	2.23
BURLINGAME**	2.23	2.22	2.22	2.23	2.25	2.24	2.22	2.20
COLMA*	3.48	3.41	3.26	3.40	3.54	3.67	3.60	3.65
DALY CITY**	3.32	3.31	3.30	3.32	3.33	3.30	3.32	3.34
EAST PALO ALTO*	4.20	4.20	4.18	4.19	4.20	4.19	4.21	4.20
FOSTER CITY*	2.47	2.46	2.46	2.45	2.44	2.43	2.42	2.41
HALF MOON BAY*	2.75	2.70	2.70	2.71	2.72	2.72	2.74	2.73
<b>HILLSBOROUGH*</b>	<b>2.93</b>	<b>2.93</b>	<b>2.91</b>	<b>2.91</b>	<b>2.93</b>	<b>2.94</b>	<b>2.95</b>	<b>2.94</b>
MENLO PARK**	2.43	2.42	2.40	2.43	2.43	2.43	2.41	2.44
MILLBRAE**	2.56	2.57	2.59	2.61	2.63	2.66	2.67	2.68
PACIFICA**	2.73	2.72	2.71	2.71	2.71	2.72	2.71	2.71
PORTOLA VALLEY**	2.60	2.59	2.60	2.59	2.60	2.57	2.58	2.56
REDWOOD CITY**	2.75	2.74	2.73	2.74	2.75	2.76	2.74	2.72
SAN BRUNO**	2.72	2.71	2.71	2.73	2.76	2.77	2.76	2.76
SAN CARLOS**	2.41	2.40	2.39	2.39	2.42	2.41	2.41	2.40
SAN MATEO**	2.45	2.44	2.43	2.43	2.42	2.41	2.39	2.38
SOUTH SAN FRANCISCO**	3.06	3.04	3.04	3.04	3.03	3.01	2.99	2.96
WOODSIDE**	2.72	2.75	2.75	2.74	2.73	2.76	2.76	2.75
HALF MOON BAY UNINC.***	2.78	2.77	2.76	2.75	2.74	2.73	2.74	2.74
S.F. AIRPORT***								
REMAINDER	2.72	2.74	2.72	2.71	2.70	2.72	2.73	2.73

<b>SAN MATEO COUNTY</b>	<b>2.74</b>	<b>2.74</b>	<b>2.73</b>	<b>2.74</b>	<b>2.75</b>	<b>2.74</b>	<b>2.73</b>	<b>2.73</b>
*CITY	**CITY SPHERE OF INFLUENCE	***OTHER SUBREGIONAL AREA						

# Attachment 7

2010 U.S. Census Data

Total Population						ABAG P2009 2010	DOF E-5 2010
	CENSUS 1970	CENSUS 1980	CENSUS 1990	CENSUS 2000	CENSUS 2010		
ATHERTON	8,085	7,797	7,163	7,194	6,914	7,400	7,554
BELMONT	23,538	24,505	24,165	25,123	25,835	25,700	26,507
BRISBANE	3,003	2,969	2,952	3,597	4,282	3,900	3,993
BURLINGAME	27,320	26,173	26,666	28,158	28,806	28,400	29,342
COLMA	537	395	1,103	1,187	1,792	1,600	1,637
DALY CITY	66,922	78,427	92,088	103,625	101,123	105,600	108,383
EAST PALO ALTO	*	*	23,451	29,506	28,155	32,700	33,524
FOSTER CITY	*	23,287	28,176	28,803	30,567	30,100	30,719
HALF MOON BAY	4,023	7,282	8,886	11,842	11,324	13,000	13,371
HILLSBOROUGH	8,753	10,372	10,667	10,825	10,825	11,100	11,537
MENLO PARK	26,826	26,438	28,403	30,785	32,026	31,700	32,185
MILLBRAE	20,920	20,058	20,414	20,718	21,532	21,600	21,968
PACIFICA	36,020	36,866	37,670	38,390	37,234	39,000	40,431
PORTOLA VALLEY	4,996	3,939	4,195	4,462	4,353	4,500	4,725
REDWOOD CITY	55,686	54,951	66,072	75,402	76,815	76,100	78,568
SAN BRUNO	36,254	35,417	38,961	40,165	41,114	43,000	44,294
SAN CARLOS	26,053	24,710	26,382	27,718	28,406	28,400	29,155
SAN MATEO	78,991	77,640	85,619	92,482	97,207	95,200	97,535
SOUTH SAN FRANCISCO	46,646	49,393	54,312	60,552	63,632	63,200	65,872
WOODSIDE	4,734	5,291	5,034	5,352	5,287	5,700	5,738
UNINCORPORATED	78,054	71,419	57,244	61,277	61,222	65,400	67,247
<b>SAN MATEO COUNTY</b>	<b>557,361</b>	<b>587,329</b>	<b>649,623</b>	<b>707,163</b>	<b>718,451</b>	<b>733,300</b>	<b>754,285</b>

<b>Households</b>	<b>CENSUS 1990</b>	<b>CENSUS 2000</b>	<b>CENSUS 2010</b>	<b>ABAG P2009 2010</b>	<b>DOF E-5 2010</b>
ATHERTON	2,403	2,413	2,330	2,490	2,472
BELMONT	10,105	10,418	10,575	10,740	10,711
BRISBANE	1,300	1,620	1,821	1,730	1,751
BURLINGAME	12,329	12,511	12,361	12,700	12,696
COLMA	415	327	564	460	445
DALY CITY	29,010	30,777	31,090	31,540	31,495
EAST PALO ALTO	6,953	6,976	6,940	7,780	7,718
FOSTER CITY	11,210	11,613	12,016	12,210	12,146
HALF MOON BAY	3,137	4,004	4,149	4,440	4,438
HILLSBOROUGH	3,626	3,689	3,693	3,810	3,826
MENLO PARK	11,816	12,387	12,347	12,850	12,646
MILLBRAE	7,933	7,956	7,994	8,200	8,243
PACIFICA	13,340	13,994	13,967	14,320	14,347
PORTOLA VALLEY	1,630	1,700	1,746	1,730	1,753
REDWOOD CITY	25,493	28,060	27,957	28,600	28,631
SAN BRUNO	14,640	14,677	14,701	15,820	15,757
SAN CARLOS	11,044	11,455	11,524	11,830	11,729
SAN MATEO	35,480	37,338	38,233	38,700	38,580
SOUTH SAN FRANCISCO	18,519	19,677	20,938	20,640	20,861
WOODSIDE	1,813	1,949	1,977	2,030	2,035
UNINCORPORATED	19,718	20,563	20,914	21,780	22,142
<b>SAN MATEO COUNTY</b>	<b>241,914</b>	<b>254,104</b>	<b>257,837</b>	<b>264,400</b>	<b>264,422</b>

Notes:

Census data are for April 1, 1970; April 1, 1980; April 1, 1990; April 1, 2000; and April 1, 2010

ABAG *Projections 2009* is for April 1, 2010

DOF E-5 Report is for January 1, 2010

\* Indicates city not yet incorporated

# Attachment 8

May 18, 2001 Letters from Hillsborough's Planning Director to  
ABAG's Regional Planning Director Regarding Hillsborough's  
Population Projections



# **TOWN OF HILLSBOROUGH**

**1600 FLORIBUNDA AVENUE**

**HILLSBOROUGH**

**CALIFORNIA**

**94010-6418**

May 18, 2011

Marisa Raya  
Regional Planner, ABAG  
101 Eighth Street  
Oakland, CA 94607

Dear Ms. Raya:

Thank you for the opportunity to comment on the Draft Initial Vision Scenario (IVS) dated March 11, 2011. Additionally, we appreciated the informational presentations to the Planning Directors and Elected Officials providing us the framework from which to best provide our commentary on the Draft IVS.

We have detected significant discrepancies between the projections presented in the Draft IVS, State Department of Finance and Census figures, and local/actual growth. We believe that upon review of your figures you will agree to revise your data to reflect the actual conditions of the Town of Hillsborough.

While Hillsborough embraces a strategic and visionary approach for advanced planning purposes, we believe that visioning with consideration for actual constraints (or within a realistic setting) is the appropriate method to stimulate community goals. Our existing recently adopted and State Certified Housing Element utilizes this approach to facilitate and plan for future growth in our community.

The Town's understanding in establishing our housing needs is that housing should be provided for jobs. More specifically, housing near jobs is particularly important for purposes of quality of life, encouraging the use of public transportation, reducing traffic congestion and greenhouse gas emissions, and preserving valuable open space. The Association of Bay Area Government's (ABAG's) planning process also appears to be based upon the philosophy of jobs driving housing needs. With these base assumptions in mind, our recommendation would be to provide housing near jobs within our jurisdictional boundaries (as this is the only area we can control housing generation). We do not believe the numbers of jobs and housing presented in the Draft IVS reflect Hillsborough's demographics, nor do we believe that the additional growth should be shifted within or outside of our community. Rather, the housing needs should be driven by the types and needs of the jobs such that housing is provided for the jobs that require it.

Additionally, as stated repeatedly by ABAG, jobs and housing projections should be presented in a manner that does not alter the essential character of our community. Since Hillsborough has no commercial, industrial or multi-family zoning districts, a 40% increase in jobs and a 20% increase in households is highly disproportionate to past growth, infeasible, would alter the essential character of Hillsborough and presents inconsistencies with the Town's General Plan.

We hope that the following information will be helpful to you while reviewing the projections within the IVS:

**Jobs:**

- The Draft IVS uses ABAG jobs assumptions and assumes that Hillsborough had 1,624 jobs in 2010 and will have 2,277 jobs in 2035.
- The 2009 Certified Hillsborough Housing Element acknowledges only 607 regular full-time jobs.
- In 2010/2011 Hillsborough licensed 1,267 businesses.
- Of this number, 53% involve regular full time jobs.
- The remaining 47% involve home occupations or temporary jobs.
- Unlike other communities in San Mateo County, Hillsborough requires permits for landscaping and all fences (in addition to construction permits). We, therefore, capture information on a greater number of businesses (since business licenses are required to pull a permit) than other similar jurisdictions that may have the same level of contract business.
- Since employers/employees with home occupations already have housing and temporary jobs may or may not be located within Hillsborough in the future, it would not make sense to project housing needs for these types of jobs.
- The job growth for Hillsborough within the Draft IVS exceeds that in those San Mateo County communities with commercial and industrial zoning districts which further indicates that the Hillsborough projections are incorrect.
- Hillsborough does not expect a 40% increase in job growth over the next 25 years. According to "*Indicators for a Sustainable San Mateo County*" published in April of 2011, San Mateo County will experience a 5% job growth over the ten-year period from 2004 to 2014. Hillsborough has experienced a 13% decline in business licenses over the last five years, and there is no commercial or industrial zoning within the Town of Hillsborough. Therefore, revising downward the number of jobs as well as the percentage of job growth projected for Hillsborough would present a realistic strategic planning scenario for the Town and San Mateo County.

**Housing:**

- The State Department of Finance reports an approximate 1% decrease in population and 2.8% increase in the number of households in Hillsborough from 2000 through 2010.
- Under the Draft IVS assumptions, Hillsborough is expected to have a 19.6% increase over a 25-year period (752 net new households) – seven times greater than the growth noted for the last ten years by the State Department of Finance.
- The Regional Housing Needs Allocation (RNHA) numbers for Hillsborough were 86 net new units for the 2009-2014 Housing Element Cycle or an average of approximately 17 new units a year.
- The Town's analysis for new housing opportunities within the State Certified 2009 Housing Element concluded that there is a maximum opportunity in the town for 134 new primary housing units at ultimate build out, and 82 new second units between 2007-2014. *This analysis was based on a Town-wide site specific study including environmental and slope considerations.*
- Hillsborough's State Certified 2009 Housing Element assumes an average of 12 second units per year.
- While the number of primary housing units is finite (due to limited land availability), the number of second units can grow. Extrapolating 12 second units per year over a 25-year period combined with the 134 primary residential units would equal 434 net new units over a 25-year period. This type of projection would be consistent with the Town's General Plan and specifically the State Certified 2009 Housing Element.

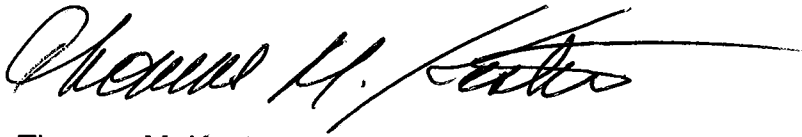
**Other considerations:**

- The Hillsborough School District could not accommodate the level of growth projected in the Draft IVS.
- Growth projected in the Draft IVS would have significant environmental impacts to the community and sub-region.
- Existing infrastructure, particularly water supplies, could not handle the growth implied by the ABAG projections. Additionally, financial constraints make enhancing infrastructure to accommodate this significant growth infeasible.
- The Draft IVS references Hillsborough as a transit corridor jurisdiction. Hillsborough only has approximately 1/4 of a mile along El Camino Real and is, therefore, a nominal component of the transit corridor system.

May 18, 2011  
Marisa Raya  
Regional Planner, ABAG  
Page -4-

We are strong supporters of the sub-regional approach and look forward to working with you on the Sustainable Communities Strategy. Additionally, we understand that our community is particularly unique as there are only a handful of communities in the entire State of California that have no commercial businesses whatsoever. We would welcome an opportunity for you to tour the Town, understand our uniqueness and our constraints and meet with us to answer any questions you may have or discuss our comments further.

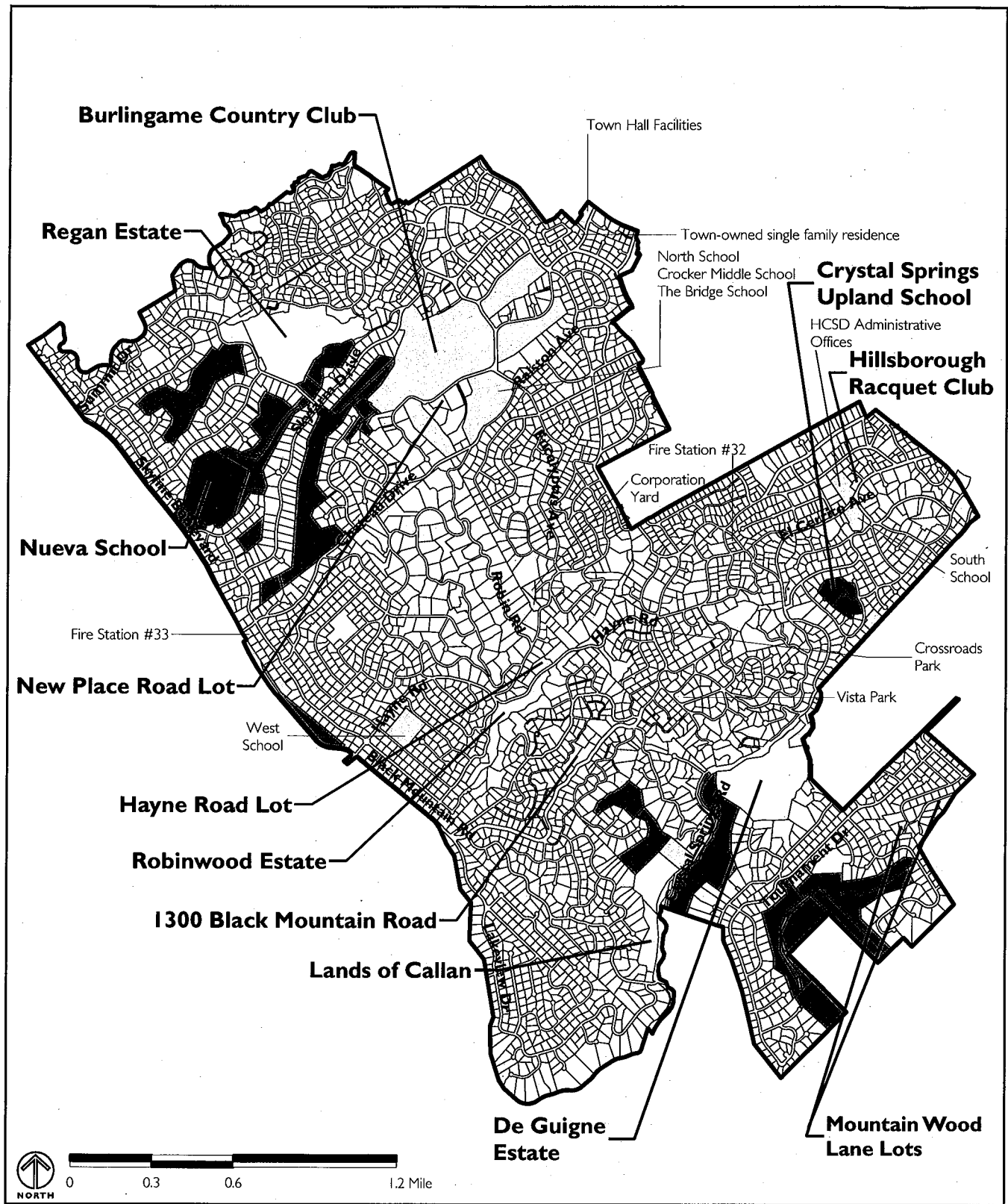
Sincerely,

A handwritten signature in black ink, appearing to read "Thomas M. Kasten", with a long horizontal flourish extending to the right.

Thomas M. Kasten  
Mayor, Town of Hillsborough

Attachments: 2009 State Certified Housing Element Vacant Land Survey and  
Summary/Map of Available Sites

cc: Rich Napier, C/CAG  
Paul Fassinger, ABAG



#### General Plan Land Use Designations

- Residential
- Public Facilities and Services
- Private Schools
- Open Space and Conservation
- Private Recreational

#### Label Legend

- Potential Housing Sites**
- Town Landmarks

**FIGURE 9**

#### POTENTIAL HOUSING SITES

**TOWN OF HILLSBOROUGH**  
HOUSING ELEMENT

**FIGURE 12. SUMMARY OF AVAILABLE SITES, TOWN OF HILLSBOROUGH**

	Extremel y Low Income <sup>36</sup>	Very Low Income	Low Income	Moderate Income	Above Moderate Income	TOTAL
<b>1 RHNA ALLOCATION</b>	<b>10</b>	<b>10</b>	<b>14</b>	<b>16</b>	<b>36</b>	<b>86</b>
<b>2</b> Building Permits issued 2007-2008, Second Units <sup>37</sup>	15	3	5	4		27
<b>3</b> Building Permits issued 2007-2008, <b>Single-family</b> , Net of teardowns <sup>38</sup>					9	9
<b>4</b> Projected additional development, Second Units, 2009-2014 <sup>39</sup>	31	5	12	2	5	55
<b>5</b> Projected additional development, <b>Single-family</b> , 2009-2014 <sup>40</sup>				0	30	30
<b>6</b> Vacant individual lots zoned for residential use, <b>Single-family</b> <sup>41</sup>					80	80
<b>7</b> Sites zoned residential, not vacant, capable of being developed at higher density <sup>42</sup>		8	6	1		15
<b>8 TOTAL (Compare to RHNA)</b>	<b>46</b>	<b>16</b>	<b>23</b>	<b>7</b>	<b>124</b>	<b>216</b>

Hillsborough's subdivision ordinance will permit the conversion of the Town's remaining estates into new residential neighborhoods consistent with the Town's requirements (in effect since 1953) for one-half acre minimum lots. Three remaining large estates—De Guigne and Callan (within city limits), and Beeson (unincorporated)—are identified in the Land Use Element of the General Plan as "Potentially Subdividable Estates."

<sup>36</sup> Regional Housing Needs Allocation assumes that 50 percent of very-low income households qualify as extremely low income, in accordance with Govt. Code §65583(a)(1). Characterization of units as extremely low, very low, low, etc. is based on initial sales price or rent, whether or not deed-restricted.

<sup>37</sup> In 2007 and 2008, 27 second units were built in Hillsborough (memo of Feb. 23, 2009, John Mullins and Sally Rumsey, Town of Hillsborough). A report prepared in 2008 and covering primarily San Mateo County examined rental ranges in existing second units and extrapolated the range of affordability. (Affordability of Second Units in San Mateo County, October 24, 2008, page 4. Baird + Driskell Community Planning for 21 Elements: San Mateo Countywide Housing Element Update Kit.) Conservatively using the middle of the range in that report, 85 percent of existing San Mateo County second units are affordable to lower income households, as follows: 55 percent are free and are therefore affordable to extremely low income households; an additional 10 percent are affordable to very low income households; and an additional 20 percent are affordable to low income households. These percentages x 27 units produce the numbers in Row 2.

<sup>38</sup> Memo of Feb. 23, 2009, John Mullins and Sally Rumsey, Town of Hillsborough.

<sup>39</sup> From Figure 15. Second unit development 2007-2014 projected from Programs 1-C1, 2-A1, and 3-C1 = 82 units; less 27 permitted 2007-2008, = 55.

<sup>40</sup> From Figure 11, 39 units less 9 permits issued 2007-2008.

<sup>41</sup> From Figure 11.

<sup>42</sup> Employee housing on institutional lands, from Program 1-A3 and Figure 15. Densities at 20 units/acre or higher are considered suitable for very low income and low income housing. Sites zoned at lower densities require an analysis justifying their suitability as lower income sites.

# Attachment 9

SFPUC Monthly Historical Purchase Data for Hillsborough

**Table 2-4**  
**Town of Hillsborough**  
**Water System Analysis**  
**Purchases from SFWD, 1979-1990**  
(all flows are million gallons)

Month	'79-80	'80-81	'81-82	'82-83	'83-84	'84-85	'85-86	'86-87	'87-88	'88-89	'89-90
JULY	168	166	184	181	202	192	188	210	193	128	156
AUG	155	146	172	161	168	183	164	186	185	120	162
SEP	136	141	110	117	131	149	158	124	155	97	111
OCT	51	99	79	66	81	64	96	118	86	62	88
NOV	45	69	38	47	43	42	52	90	52	37	64
DEC	42	56	38	38	49	45	50	55	50	44	63
JAN	49	42	37	35	49	46	49	53	46	37	41
FEB	36	42	44	33	58	61	47	54	86	38	50
MAR	68	56	40	48	91	84	75	86	142	47	77
APR	92	123	109	70	114	130	134	158	84	75	122
MAY	126	145	153	159	177	159	176	169	113	132	107
JUN	152	209	154	178	205	209	191	190	133	166	121
<b>TOTAL</b>	<b>1,121</b>	<b>1,293</b>	<b>1,157</b>	<b>1,132</b>	<b>1,369</b>	<b>1,365</b>	<b>1,379</b>	<b>1,493</b>	<b>1,324</b>	<b>983</b>	<b>1,162</b>

## HILLSBOROUGH WATER PURCHASES BY FISCAL AND CALENDAR YEAR, 1990 - 2000

### FY 1990 - 1991

17-JUL-1990	15-AUG-1990	18-SEP-1990	24-OCT-1990	16-NOV-1990	20-DEC-1990	17-JAN-1991	19-FEB-1991	18-MAR-1991	17-APR-1991	20-MAY-1991	19-JUN-1991	FY Total	CY Total
44,979	47,857	52,710	42,088	30,767	24,446	21,372	17,283	15,046	10,364	18,174	29,572	354,658	1,140,335
59,810	66,234	71,662	57,169	47,814	37,210	27,359	25,013	21,164	16,918	27,023	45,415	502,791	
35,449	39,874	41,389	29,853	30,602	20,627	15,135	12,992	11,462	8,795	16,658	23,600	286,436	
21,020	23,306	23,658	18,365	16,745	11,841	8,460	7,739	7,213	5,154	9,629	12,277	165,407	
						72,326	63,027	54,885	41,231	71,484	110,864	1,309,292	

### FY 1991 - 1992

17-JUL-1991	20-AUG-1991	17-SEP-1991	17-OCT-1991	18-NOV-1991	19-DEC-1991	16-JAN-1992	14-FEB-1992	19-MAR-1992	14-APR-1992	19-MAY-1992	16-JUN-1992	Total	
33,983	42,634	38,216	38,405	30,449	18,807	13,273	12,093	9,747	12,347	32,867	41,963	324,784	1,224,914
46,734	63,591	50,734	50,725	43,009	31,796	22,400	19,927	18,151	20,729	38,942	57,476	464,214	
27,089	32,376	28,569	28,962	22,372	15,337	11,428	10,101	8,746	10,093	25,877	32,501	253,451	
14,422	13,670	15,774	16,046	14,303	8,515	6,785	5,883	5,031	6,105	15,321	19,942	141,797	
122,228	152,271	133,293	134,138	110,133	74,455	53,886	48,004	41,675	49,274	113,007	151,882	1,184,246	

### FY 1992 - 1993

15-JUL-1992	17-AUG-1992	17-SEP-1992	16-OCT-1992	18-NOV-1992	16-DEC-1992	20-JAN-1993	17-FEB-1993	17-MAR-1993	15-APR-1993	14-MAY-1993	17-JUN-1993	Total	
41,384	52,530	44,859	44,745	25,054	16,985	14,994	16,101	41,839	51,417	39,695	39,695	429,298	1,558,846
53,174	63,696	59,220	59,013	35,429	23,672	22,528	16,625	15,852	18,818	40,435	49,250	457,712	
42,421	28,375	26,550	33,380	19,138	12,932	10,694	6,968	7,122	9,137	20,954	26,170	243,841	
20,347	14,062	11,839	17,270	13,432	7,679	6,278	4,434	4,587	5,281	13,007	16,151	134,367	
157,326	158,663	142,468	154,408	93,053	61,268	54,494	44,128	69,400	84,653	114,091	131,266	1,265,218	

### FY 1993 - 1994

15-JUL-1993	16-AUG-1993	20-SEP-1993	15-OCT-1993	17-NOV-1993	15-DEC-1993	14-JAN-1994	16-FEB-1994	16-MAR-1994	18-APR-1994	16-MAY-1994	16-JUN-1994	Total	
68,326	63,463	63,574	49,243	44,817	23,422	19,131	17,326	17,843	34,614	36,590	45,206	483,555	1,525,863
83,628	80,809	81,528	72,011	50,112	33,791	25,226	24,276	20,201	41,656	43,326	55,066	611,630	
44,828	43,021	44,748	38,957	26,002	16,809	12,027	11,308	9,495	19,665	18,859	24,905	310,624	
28,533	26,712	27,781	22,809	16,063	9,827	7,362	6,857	5,993	11,602	12,703	16,558	192,800	
225,315	214,005	217,631	183,020	136,994	83,849	63,746	59,767	53,532	107,537	111,478	141,735	1,598,609	

### FY 1994 - 1995

18-JUL-1994	16-AUG-1994	15-SEP-1994	17-OCT-1994	15-NOV-1994	14-DEC-1994	19-JAN-1995	15-FEB-1995	16-MAR-1995	14-APR-1995	16-MAY-1995	15-JUN-1995	Total	
66,742	63,053	64,426	42,697	34,689	16,259	17,060	13,582	18,528	20,174	27,857	34,581	419,648	1,583,555
83,091	78,772	84,850	64,717	47,725	23,276	23,381	18,150	23,181	23,735	38,456	42,569	551,903	
40,818	39,460	45,678	32,169	24,424	10,957	10,938	8,779	10,777	8,540	17,342	33,808	283,690	
27,232	27,329	28,880	19,312	14,922	6,590	7,045	5,089	6,295	6,601	6,541	23,234	179,070	
217,883	208,614	223,834	158,895	121,760	57,082	58,424	45,600	58,781	59,050	90,196	134,192	1,434,311	

### FY 1995 - 1996

19-JUL-1995	15-AUG-1995	15-SEP-1995	17-OCT-1995	16-NOV-1995	15-DEC-1995	18-JAN-1996	14-FEB-1996	14-MAR-1996	12-APR-1996	15-MAY-1996	14-JUN-1996	Total	
56,097	50,057	60,200	50,746	43,714	28,262	17,242	15,845	17,516	25,683	40,774	58,079	464,215	1,717,073
92,890	66,771	90,263	62,997	72,566	40,167	22,801	19,225	19,895	30,375	50,948	73,582	642,480	
42,151	58,883	48,017	36,095	31,142	18,453	10,864	9,030	8,709	13,599	26,865	27,302	331,110	
37,461	31,594	39,137	32,096	29,247	18,306	10,461	9,656	9,889	15,021	26,411	31,548	290,827	
228,599	207,305	237,617	181,934	176,669	105,188	61,368	53,756	56,009	84,678	144,998	190,511	1,728,632	

### FY 1996 - 1997

16-JUL-1996	14-AUG-1996	17-SEP-1996	16-OCT-1996	18-NOV-1996	13-DEC-1996	16-JAN-1997	14-FEB-1997	14-MAR-1997	16-APR-1997	14-MAY-1997	13-JUN-1997	Total	
59,380	58,896	66,188	45,470	36,977	16,239	16,554	12,552	22,053	36,007	41,364	56,210	467,890	672,499
78,995	83,132	93,246	67,274	54,167	26,504	24,497	17,112	28,054	54,500	61,080	83,938	672,499	

### HILLSBOROUGH WATER PURCHASES BY FISCAL AND CALENDAR YEAR, 1990 - 2000

45,767	47,310	55,392	40,037	30,264	22,245	7,200	11,554	15,717	27,611	33,699	45,494	382,290	1,812,651
36,027	37,703	43,256	30,795	25,289	25,200	0	4,735	13,238	22,586	26,013	35,478	300,320	
220,169	227,041	258,082	183,576	146,697	90,188	48,251	45,953	79,062	140,704	162,156	221,120	1,822,999	
FY 1997 - 1998													
16-JUL-1997	14-AUG-1997	17-SEP-1997	16-OCT-1997	19-NOV-1997	12-DEC-1997	20-JAN-1998	13-FEB-1998	13-MAR-1998	16-APR-1998	14-MAY-1998	12-JUN-1998	Total	1,537,286
58,099	55,919	51,215	43,818	39,843	15,719	15,911	14,512	11,937	20,831	27,062	32,226	387,092	
88,493	103,046	82,146	74,130	68,575	20,417	23,664	19,453	14,061	22,515	34,490	42,063	593,053	
47,388	59,966	43,806	38,413	33,001	8,438	9,741	7,328	10,806	27,787	19,191	22,234	328,099	
38,289	40,124	35,756	31,971	28,465	8,368	11,168	10,604	5,240	14,853	15,090	17,728	257,656	
232,269	259,055	212,923	188,332	169,884	52,942	60,484	51,897	42,044	85,986	95,833	114,251	1,565,900	
FY 1998 - 1999													1,710,345
17-JUL-1998	14-AUG-1998	18-SEP-1998	15-OCT-1998	16-NOV-1998	15-DEC-1998	15-JAN-1999	17-FEB-1999	12-MAR-1999	15-APR-1999	18-MAY-1999	16-JUN-1999	Total	
57,257	58,612	55,405	44,337	39,605	16,073	21,563	15,428	14,669	17,597	36,626	48,249	425,421	
90,418	75,906	85,962	69,020	57,609	25,777	28,141	21,071	19,962	24,533	53,010	53,010	604,419	
46,162	51,515	59,556	30,143	31,964	16,863	15,612	7,085	9,367	10,698	27,240	38,707	344,912	
33,720	37,166	48,344	19,640	24,869	10,868	12,293	10,127	8,053	10,240	21,308	30,344	266,972	
227,557	223,199	249,267	163,140	154,047	69,581	77,609	53,711	52,051	63,068	138,184	170,310	1,641,724	
FY 1999 - 2000													
15-JUL-1999	13-AUG-1999	16-SEP-1999	15-OCT-1999	16-NOV-1999	15-DEC-1999	14-JAN-2000	15-FEB-2000	16-MAR-2000	17-APR-2000	12-MAY-2000	14-JUN-2000	Total	
59,378	57,812	60,834	45,794	35,332	19,608	24,375	17,253	14,335	31,333	39,005	51,241	456,300	
105,350	85,760	95,510	79,278	54,251	32,279	36,966	25,318	22,844	50,250	53,259	76,876	717,941	
52,846	48,076	51,656	40,413	30,664	15,858	19,042	9,681	8,130	27,065	26,757	43,853	374,041	
40,357	36,658	40,146	31,289	23,686	12,577	14,411	8,824	7,941	20,462	21,158	30,295	287,804	
257,931	228,306	248,146	196,774	143,933	80,322	94,794	61,076	53,250	129,110	140,179	Total	1,836,086	

## 2000-01

## Hillsborough Water Purchases [SFPUC Water Bills]

Meter Location	Account No.	Jul-00	Aug-00	Sep-00	Oct-00	Nov-00	Dec-00	Jan-01	Feb-01	Mar-01	Apr-01	May-01	Jun-01	FY Totals	
401 Pepper Ave.	010064-01-2	11,907	9,354	10,424	7,775	4,873	2,825	3,442	2,756	2,385	4,746	5,703	11,650	77,840	
401 Pepper Ave.		14,621	11,506	13,112	10,528	6,699	2,669	3,567	3,332	2,842	5,969	7,267	14,968	97,080	
395 Pepper Ave.		9,987	7,422	7,864	6,120	3,810	2,174	3,004	2,772	2,390	4,550	5,536	10,101	65,730	
380 Sierra Dr.		15,876	13,021	14,101	12,172	7,839	4,572	4,948	3,979	3,311	6,967	8,515	13,454	108,755	
		52,391	41,303	45,501	36,595	23,221	12,240	14,961	12,839	10,928	22,232	27,021	50,173	349,405	
	010065-01-9	Jul-00	Aug-00	Sep-00	Oct-00	Nov-00	Dec-00	Jan-01	Feb-01	Mar-01	Apr-01	May-01	Jun-01	FY Totals	
375 Pepper Ave.		41,169	28,911	33,207	26,755	19,598	9,817	9,914	7,749	6,476	13,078	8,902	31,242	236,818	
375 Pepper Ave.		2,474	1,824	1,161	966	920	695	1,110	812	720	1,292	1,271	2,088	15,333	
1600 Crystal Springs		24,728	21,218	22,680	19,763	13,226	7,279	7,857	6,009	4,673	10,458	13,684	22,462	174,037	
1 Tartan Trail		39,923	34,742	37,297	29,110	11,693	8,382	9,362	7,683	7,319	13,359	24,369	30,144	253,383	
		108,294	86,695	94,345	76,594	45,437	26,173	28,243	22,253	19,188	38,187	48,226	85,936	679,571	
	010066-01-7	Jul-00	Aug-00	Sep-00	Oct-00	Nov-00	Dec-00	Jan-01	Feb-01	Mar-01	Apr-01	May-01	Jun-01	FY Totals	
355 Baroihet Ave.		21,295	28,136	18,021	22,677	15,737	9,462	9,626	7,935	6,682	14,036	17,563	24,502	195,672	
355 Baroihet Ave.		525	549	620	559	391	234	239	198	165	347	433	601	4,861	
900 Baroihet Ave.		21,272	22,004	21,660	18,703	12,323	6,032	5,873	6,094	7,967	14,603	16,758	28,815	182,104	
900 Baroihet Ave.		894	736	789	740	580	600	430	0	0	0	0	4,769		
901 Newhall Ave.		0	0	0	0	0	0	0	1,486	874	2,554	3,981	10,529	19,424	
		43,986	51,425	41,090	42,679	29,031	16,328	16,168	15,713	15,688	31,540	38,735	64,447	406,830	
	010067-01-5	Jul-00	Aug-00	Sep-00	Oct-00	Nov-00	Dec-00	Jan-01	Feb-01	May-19	Jun-19	Jul-19	Aug-19	FY Totals	
899 Newhall Ave.		43,175	34,943	38,205	32,504	22,334	12,030	12,196	8,992	7,061	15,862	19,397	43,127	289,826	
		Total CCF	247,846	214,366	219,141	188,372	120,023	66,771	71,568	59,797	52,865	107,821	133,379	243,683	1,725,632
		Total MG	185.39	160.35	163.92	140.90	89.78	49.94	53.53	44.73	39.54	80.65	99.77	182.27	790

## 2001-02

## Hillsborough Water Purchases [SFPUC Water Bills]

Meter Location	Account No.														
	010064-01-2	Jul-01	Aug-01	Sep-01	Oct-01	Nov-01	Dec-01	Jan-02	Feb-02	Mar-02	Apr-02	May-02	Jun-02	FY Totals	
401 Pepper Ave.		10,696	10,242	6,810	6,665	3,511	2,700	2,678	2,863	4,357	6,997	10,132	9,991	77,642	
401 Pepper Ave.		14,306	14,720	9,896	8,553	3,990	2,861	2,866	3,028	4,874	8,237	12,030	12,340	97,701	
395 Pepper Ave.		8,211	7,871	3,641	4,600	1,522	3,563	3,605	3,784	4,524	5,762	5,940	6,153	59,176	
380 Sierra Dr.		13,558	14,859	10,589	8,244	3,754	2,747	3,013	3,586	5,036	8,950	12,245	13,634	100,215	
380 Sierra Dr.								3,304	939	5,747	9,868	12,722	14,649	47,229	
		46,771	47,692	30,936	28,062	12,777	11,871	15,466	14,200	24,538	39,814	53,069	56,767	381,963	
	010065-01-9	Jul-01	Aug-01	Sep-01	Oct-01	Nov-01	Dec-01	Jan-02	Feb-02	Mar-02	Apr-02	May-02	Jun-02	FY Totals	
375 Pepper Ave.		29,721	30,359	15,564	13,489	9,936	7,392	6,879	8,069	10,592	19,260	27,561	30,815	209,637	
375 Pepper Ave.		1,880	1,890	1,633	1,691	1,329	1,073	1,014	969	1,277	1,820	2,220	2,128	18,924	
1600 Crystal Springs		23,802	25,390	16,139	15,074	7,458	5,407	4,595	6,064	8,125	14,130	20,096	21,057	167,337	
1 Tartan Trail		29,286	29,420	22,699	23,979	8,195	9,661	40	3,187	6,782	10,169	11,071	19,888	174,377	
		84,689	87,059	56,035	54,233	26,918	23,533	12,528	18,289	26,776	45,379	60,948	73,888	570,275	
	010066-01-7	Jul-01	Aug-01	Sep-01	Oct-01	Nov-01	Dec-01	Jan-02	Feb-02	Mar-02	Apr-02	May-02	Jun-02	FY Totals	
355 Baroihet Ave.		25,850	27,309	25,553	20,424	11,413	11,798	6,733	7,214	8,971	18,408	24,860	25,100	213,633	
355 Baroihet Ave.		634	781	528	508	281	299	162	178	222	460	615	620	5,288	
900 Baroihet Ave.		28,248	30,298	21,034	17,987	10,342	13,543	3,142	8,185	11,779	20,352	26,272	28,306	219,488	
900 Baroihet Ave.		0	0	0	0	0	0	2,328	2,293	2,849	5,775	8,344	9,158	30,747	
901 Newhall Ave.		9,375	9,763	7,162	5,254	2,898	1,993	0	0	0	0	0	0	36,445	
		64,107	68,151	54,277	44,173	24,934	27,633	12,365	17,870	23,821	44,995	60,091	63,184	505,601	
	010067-01-5	Jul-01	Aug-01	Sep-01	Oct-01	Nov-01	Dec-01	Jan-02	Feb-02	Mar-02	Apr-02	May-02	Jun-02	FY Totals	
899 Newhall Ave.		38,068	40,101	35,462	28,464	14,067	10,756	12,101	11,595	16,625	27,743	45,530	45,249	325,761	
		Total CCF	233,635	243,003	176,710	154,932	78,696	73,793	52,460	61,954	91,760	157,931	219,638	239,088	1,736,371
		Total MG	174.76	181.77	132.18	115.89	58.86	55.20	39.24	46.34	68.64	118.13	164.29	178.84	1,334

## 2002-03

## Hillsborough Water Purchases [SFPUC Water Bills]

Meter Location	Account No.	Jul-02	Aug-02	Sep-02	Oct-02	Nov-02	Dec-02	Jan-03	Feb-03	Mar-03	Apr-03	May-03	Jun-03	FY Totals
401 Pepper Ave.	010064-01-2	10,155	9,613	9,684	7,354	3,691	2,856	3,331	2,801	2,564	2,665	7,636	9,278	71,628
401 Pepper Ave.		11,799	11,166	12,578	11,022	5,416	4,207	4,449	5,797	1,760	3,924	10,443	13,204	95,765
395 Pepper Ave.		6,250	5,641	4,995	3,294	1,591	1,207	1,261	1,044	923	920	3,810	4,332	35,268
380 Sierra Dr.		11,109	9,808	8,708	9,465	4,525	3,470	3,774	3,385	5,102	4,457	11,212	14,081	89,096
380 Sierra Dr.		14,685	14,841	14,149	10,121	5,049	3,857	4,139	6,472	5,451	4,651	11,243	14,234	14,520
		53,998	51,069	50,114	41,256	20,272	15,597	16,954	19,499	15,800	16,617	44,344	55,129	306,277
375 Pepper Ave.	010065-01-9	31,959	33,305	38,691	27,298	11,012	7,605	8,495	6,158	1,722	2,165	16,613		185,023
375 Pepper Ave.		2,103	2,200	2,066	488	1,550	1,055	1,175	1,043	1,101	699	1,400	33,089	47,969
1600 Crystal Springs		21,357	23,007	18,365	16,067	7,238	5,903	6,001	5,710	7,527	5,824	15,311	20,205	152,515
1 Tartan Trail		23,237	26,406	14,724	4,960	877	950	88	2,380	23,198	15,397	32,776	41,880	186,873
		78,656	84,918	73,846	48,813	20,677	15,513	15,759	15,291	33,548	24,085	66,100	95,174	572,380
355 Barolihet Ave.	010066-01-7	28,400	25,193	20,745	23,574	11,751	8,980	10,482	9,259	11,311	12,182	23,427	26,255	211,559
355 Barolihet Ave.		697	1,011	121	589	239	12	16	0	219	300	578	647	4,429
900 Barolihet Ave.		28,304	27,840	28,930	21,467	10,992	9,597	10,584	9,683	11,294	10,320	23,880	28,083	220,974
901 Newhall Ave.		9,336	9,606	10,150	7,102	3,123	2,233	2,109	1,636	2,180	1,372	7,077	8,185	64,109
		66,737	63,650	59,946	52,732	26,105	20,822	23,191	20,578	25,004	24,174	54,962	63,170	501,071
899 Newhall Ave.	010067-01-5	42,511	41,258	41,292	29,085	14,218	14,600	6,155	8,877	12,922	10,070	36,602	34,276	291,866
Total CCF		241,902	240,895	225,198	171,886	81,272	66,532	62,059	64,245	87,274	74,946	202,008	247,749	1,765,966
Total MG		180.94	180.19	168.45	128.57	60.79	49.77	46.42	48.06	65.28	56.06	151.10	185.32	1,321

## 2003-04

## Hillsborough Water Purchases [SFPUC Water Bills]

Meter Location	Account No.	Jul-03	Aug-03	Sep-03	Oct-03	Nov-03	Dec-03	Jan-04	Feb-04	Mar-04	Apr-04	May-04	Jun-04	FY Totals
401 Pepper Ave.	010064-01-2	9,018	7,160	7,919	5,470	1,848	1,760	1,509	1,894	4,456	7,236	9,006	9,813	67,089
401 Pepper Ave.		13,793	12,397	11,939	8,566	2,948	2,760	2,370	2,959	6,713	10,611	12,602	13,744	101,402
395 Pepper Ave.		4,571	3,782	1,996	1,646	589	903	941	1,079	2,762	4,383	5,139	5,431	33,222
380 Sierra Dr.		14,520	13,661	12,549	10,574	3,879	3,977	3,376	2,952	8,014	11,496	12,381	14,833	112,212
380 Sierra Dr.		14,943	14,520	11,607	10,526	3,859	3,810	3,234	2,759	7,863	11,526	12,621	14,728	111,996
		56,845	51,520	46,010	36,782	13,123	13,210	11,430	11,643	29,808	45,252	51,749	58,549	425,921
375 Pepper Ave.	010065-01-9	36,390	32,321	30,149	20,530	7,390	6,160	7,230	8,770	18,640	28,190	33,730	37,070	266,570
1600 Crystal Springs		19,879	21,740	17,417	14,423	4,993	5,436	3,910	4,255	10,433	16,734	18,648	22,332	160,200
1 Tartan Trail		45,354	44,982	41,660	37,233	15,920	18,819	13,291	9,294	26,812	38,877	30,424	26,915	349,581
		101,623	99,043	89,226	72,186	28,303	30,415	24,431	22,319	55,885	83,801	82,802	86,317	776,351
355 Hillsborough Blvd.	010066-01-7	26,000	26,000	23,200										75,200
355 Hillsborough Blvd.		677	618	722	23,231	23,262	23,293	5,010	4,218	10,833	16,684	15,610	23,622	147,780
900 Barolihet Ave.		28,654	25,629	25,099	19,825	6,620	7,114	6,708	7,387	16,173	23,828	25,554	29,626	222,217
901 Newhall Ave.		8,268	6,843	6,664	4,564	1,719	1,461	1,296	1,318	3,658	5,572	7,633	9,245	58,241
		63,599	59,090	55,685	47,620	31,601	31,868	13,014	12,923	30,664	46,084	48,797	62,493	503,438
899 Newhall Ave.	010067-01-5	33,128	27,851	26,839	18,912	7,428	6,690	6,459	6,442	15,055	22,767	30,840	36,626	239,037
Total CCF		255,195	237,504	217,760	175,500	80,455	82,183	55,334	53,327	131,412	197,904	214,188	243,985	1,944,747
Total MG		190.89	177.65	162.88	131.27	60.18	61.47	41.39	39.89	98.30	148.03	160.21	182.50	1,455

## 2004-05

## Hillsborough Water Purchases [SFPUC Water Bills]

Meter Location	Account No.	Jul-04	Aug-04	Sep-04	Oct-04	Nov-04	Dec-04	Jan-05	Feb-05	Mar-05	Apr-05	May-05	Jun-05	FY Totals
401 Pepper Ave.	010064-01-2	10,792	11,136	5,972	2,081	1,976	1,816	1,894	1,730	2,659	3,243	5,556	8,973	57,828
401 Pepper Ave.		14,824	14,910	9,388	4,804	3,530	3,141	2,883	2,448	3,678	4,384	5,627	14,115	83,732
395 Pepper Ave.		7,331	9,011	5,529	2,000	1,854	1,653	1,621	1,391	2,057	2,504	4,276	6,671	45,898
380 Sierra Dr.		13,583	15,583	11,792	5,642	4,018	3,309	3,040	2,696	3,622	441	1,538	2,883	68,147
380 Sierra Dr.		13,100	15,640	11,715	5,807	4,142	3,281	3,000	2,664	3,703	494	1,634	3,049	68,229
		59,630	66,280	44,396	20,334	15,520	13,200	12,438	10,929	15,719	11,066	18,631	35,691	323,834
375 Pepper Ave.	010065-01-9	39,810	42,312	34,438	15,700	15,651	14,339	12,610	10,671	14,699	14,220	24,340	36,420	275,210
1600 Crystal Springs		19,775	22,293	16,160	10,094	6,072	4,523	4,550	4,464	6,821	8,834	14,334	18,817	136,737
1 Tartan Trail		29,222	31,093	20,028	11,724	6,599	5,238	5,524	4,592	7,746	21,832	28,578	40,840	213,016
		88,807	95,698	70,626	37,518	28,322	24,100	22,684	19,727	29,266	44,886	67,252	96,077	624,963
355 Hillsborough Blvd.	010066-01-7	29,008	32,082	23,958	18,728	7,112	5,124	4,885	4,456	5,879	10,368	17,598	24,364	183,562
900 Barolihet Ave.		27,138	30,411	23,351	12,070	9,496	9,480	8,582	7,046	10,285	20,328	32,857	33,483	224,527
901 Newhall Ave.		8,215	10,131	5,670	2,473	2,064	1,685	1,476	1,524	2,078	2,737	5,041	7,908	51,002
		64,361	72,624	52,979	33,271	18,672	16,289	14,943	13,026	18,242	33,433	55,496	65,755	459,091
899 Newhall Ave.	010067-01-5	33,441	38,955	29,043	11,972	10,767	6,677	7,123	7,146	10,288	12,552	21,951	32,790	222,705
Total CCF		246,239	273,557	197,044	103,095	73,281	60,266	57,188	50,828	73,515	101,937	163,330	230,313	1,630,593
Total MG		184.19	204.62	147.39	77.12	54.81	45.08	42.78	38.02	54.99	76.25	122.17	172.27	1,220

## 2005-06

## Hillsborough Water Purchases [SFPUC Water Bills]

Meter Location	Account No.	Jul-05	Aug-05	Sep-05	Oct-05	Nov-05	Dec-05	Jan-06	Feb-06	Mar-06	Apr-06	May-06	Jun-06	FY Totals
401 Pepper Ave.	010064-01-2	9,058	9,073	7,696	6,105	3,651	2,508	1,888	2,328	2,148	3,203	8,204	9,441	65,303
401 Pepper Ave.		12,234	12,658	10,385	7,869	5,258	3,953	2,881	3,458	3,291	4,913	11,550	15,175	93,625
395 Pepper Ave.		6,311	5,602	4,398	5,468	3,678	2,759	1,962	2,296	2,060	3,110	7,297	8,327	53,268
380 Sierra Dr.		2,797	3,070	2,001	806	79	1	0	0	0	193	1,901	3,086	13,934
380 Sierra Dr.		2,947	3,221	2,132	865	93	1	0	0	0	215	1,993	3,203	14,670
		33,347	33,624	26,612	21,113	12,759	9,222	6,731	8,082	7,499	11,634	30,945	39,232	240,800
375 Pepper Ave.	010065-01-9	37,230	43,921	38,169	14,048	15,670	12,040	10,390	11,680	11,300	16,162	33,738	43,420	287,768
1600 Crystal Springs		18,790	22,165	15,505	19,238	6,907	4,237	3,988	4,704	4,294	6,141	17,738	22,821	146,528
1 Tartan Trail		39,763	43,372	32,446	3,212	14,674	8,504	7,544	8,585	7,801	8,951	38,281	64,982	278,115
		95,783	109,458	86,120	36,498	37,251	24,781	21,922	24,969	23,395	31,254	89,757	131,223	712,411
355 Hillsborough Blvd.	010066-01-7	23,307	24,666	22,190	22,310	7,995	5,323	4,100	4,318	3,933	5,440	21,712	23,776	169,070
900 Barolihet Ave.		33,056	37,365	29,592	10,795	13,348	11,164	7,744	10,210	9,662	11,941	29,750	37,402	242,029
901 Newhall Ave.		8,254	8,802	7,033	23,340	1,919	2,258	1,982	1,981	1,654	3,086	7,231	9,877	77,417
		64,617	70,833	58,815	56,445	23,262	18,745	13,826	16,509	15,249	20,467	58,693	71,055	488,516
899 Newhall Ave.	010067-01-5	34,123	36,871	32,811	15,798	10,706	8,639	6,493	6,702	6,146	9,625	24,040	32,203	224,157
Total CCF		227,870	250,786	204,358	129,854	83,978	61,387	48,972	56,262	52,289	72,980	203,435	273,713	1,665,884
Total MG		170.45	187.59	152.86	97.13	62.82	45.92	36.63	42.08	39.11	54.59	152.17	204.74	1,246

## 2006-07

## Hillsborough Water Purchases [SFPUC Water Bills]

Meter Location	Account No.	Jul-06	Aug-06	Sep-06	Oct-06	Nov-06	Dec-06	Jan-07	Feb-07	Mar-07	Apr-07	May-07	Jun-07	FY Totals
401 Pepper Ave.	010064-01-2	8,262	8,732	5,763	4,697	0	1,111	2,013	1,388	4,371	4,972	9,157	7,994	58,460
401 Pepper Ave.		13,435	14,808	9,803	7,111	0	1,406	2,987	2,067	6,335	7,058	12,605	10,793	88,408
395 Pepper Ave.		7,334	8,159	5,502	468	1,100	2,514	3,719	2,700	6,838	7,072	11,792	9,776	66,974
380 Sierra Dr.		2,926	3,430	1,829	752	0	0	1	0	2,123	1,156	2,417	2,760	17,394
380 Sierra Dr.		3,061	3,596	1,934	799	0	0	1	0	2,195	1,257	2,525	2,876	18,244
		35,018	38,725	24,831	13,827	1,100	5,031	8,721	6,155	21,862	21,515	38,496	34,199	249,480
375 Pepper Ave.	010065-01-9	40,329	49,880	32,041	24,509	28,071	15,019	15,401	11,220	28,560	29,889	48,780	39,051	362,750
1600 Crystal Springs		20,072	23,354	15,912	10,741	6,927	4,796	5,657	4,594	10,985	11,803	18,352	19,706	152,899
1 Tartan Trail		48,037	59,361	48,167	30,198	11,376	1,573	293	316	16,630	17,266	27,947	44,753	305,917
		108,438	132,595	96,120	65,448	46,374	21,388	21,351	16,130	56,175	58,958	95,079	103,510	821,566
355 Hillsborough Blvd.	010066-01-7	15,188	14,501	10,156	5,107	1,020	3,140	5,335	4,000	9,688	9,847	13,202	17,447	108,631
900 Barroilhet Ave.		29,851	37,097	23,936	17,065	22,580	11,002	10,296	7,735	19,508	19,378	30,601	28,215	257,264
901 Newhall Ave.		10,742	10,683	7,810	5,547	4,770	2,357	2,473	2,163	5,846	6,152	11,301	9,567	79,411
		55,781	62,281	41,902	27,719	28,370	16,499	18,104	13,898	35,042	35,377	55,104	55,229	445,306
899 Newhall Ave.	010067-01-5	35,516	34,096	25,837	19,271	16,404	9,354	9,149	7,195	19,021	20,312	39,644	34,026	269,825
						144,581	108.15	0.90						
<b>Total CCF</b>		234,753	267,697	188,690	126,265	92,248	52,272	57,325	43,378	132,100	136,162	228,323	226,964	1,786,177
<b>Total MG</b>		175.60	200.24	141.14	94.45	69.00	39.10	42.88	32.45	98.81	101.85	170.79	169.77	1,336

Newhall / Pepper	144,581	108.15	0.90
Barroilhet	51,613	38.61	0.32
Cherry Creek	13,495	10.09	0.08
Sierra	2	0.00	0.00
Tartan Trail	13,558	10.14	0.08
1600 Crystal Springs Rd.	21,974	16.44	0.14

## 2007-08

## Hillsborough Water Purchases [SFPUC Water Bills]

Meter Location	Account No.	Jul-07	Aug-07	Sep-07	Oct-07	Nov-07	Dec-07	Jan-08	Feb-08	Mar-08	Apr-08	May-08	Jun-08	FY Totals
401 Pepper Ave.	010064-01-2	11,541	12,477	8,761	4,236	3,071	1,656	1,084	0	0	0	7,245	8,161	58,232
401 Pepper Ave.		14,864	16,101	10,159	7,012	6,367	3,825	2,309	0	7,141	11,960	13,016	14,294	107,048
395 Pepper Ave.		10,054	10,907	5,895	5,046	4,518	2,417	1,558	0	5,089	8,892	9,701	10,227	74,304
380 Sierra Dr.		2,949	3,079	1,502	328	288	1,145	272	0	540	1,604	2,394	2,687	16,788
380 Sierra Dr.		3,060	3,189	1,570	348	311	2,515	1,067	0	567	1,667	2,489	2,799	19,582
		42,468	45,753	27,887	16,970	14,555	11,558	6,290	0	13,337	24,123	34,845	38,168	275,954
375 Pepper Ave.	010065-01-9	44,029	48,750	29,561	22,439	20,151	13,071	14,378	20,820	36,671	21,179	37,409	42,803	351,261
1600 Crystal Springs		21,320	22,024	13,999	9,258	7,948	5,924	4,136	5,271	9,792	13,741	18,057	20,357	151,827
1 Tartan Trail		45,260	48,719	34,381	21,241	15,812	11,509	13,337	14,611	26,373	37,562	41,360	63,297	373,462
		110,609	119,493	77,941	52,938	43,911	30,504	31,851	40,702	72,836	72,482	96,826	126,457	876,550
355 Hillsborough Blvd.	010066-01-7	17,748	18,360	11,116	6,779	7,605	3,773	3,651	5,599	7,860	9,870	19,609	14,023	125,993
900 Barroilhet Ave.		29,503	33,647	22,092	16,686	15,135	9,075	11,189	20,619	22,045	22,740	27,245	29,702	259,678
901 Newhall Ave.		10,505	11,176	6,843	4,138	3,795	2,344	2,482	5,024	6,209	7,836	9,319	9,797	79,468
		57,756	63,183	40,051	27,603	26,535	15,192	17,322	31,242	36,114	40,446	56,173	53,522	465,139
899 Newhall Ave.	010067-01-5	37,971	40,214	25,685	15,659	13,424	8,556	7,985	13,928	19,537	26,797	33,359	32,281	275,396
<b>Total CCF</b>		248,804	268,643	171,564	113,170	98,425	65,810	63,448	85,872	141,824	163,848	221,203	250,428	1,893,039
<b>Total MG</b>		186.11	200.94	128.33	84.65	73.62	49.23	47.46	64.23	106.08	122.56	165.46	187.32	1,416

Newhall / Pepper	152,763	114.27	0.94
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Barroilhet	56,018	41.90	0.35
Cherry Creek	20,628	15.43	0.13
Sierra	5,598	4.19	0.03
Tartan Trail	55,269	41.34	0.34
1600 Crystal Springs Rd.	23,279	17.41	0.14

## 2008-09

## Hillsborough Water Purchases [SFPUC Water Bills]

Meter Location	Account No.	Jul-08	Aug-08	Sep-08	Oct-08	Nov-08	Dec-08	Jan-09	Feb-09	Mar-09	Apr-09	May-09	Jun-09	FY Totals
401 Pepper Ave.	010064-01-2	7,864	9,390	8,116	6,074	2,507	1,888	2,201	1,387	2,580	5,045	9,191	11,618	67,861
401 Pepper Ave.		13,862	14,147	12,421	9,954	4,734	3,706	4,215	2,845	5,120	8,620	11,801	14,848	106,273
395 Pepper Ave.		9,714	8,050	6,723	5,008	2,298	1,899	2,345	1,529	2,874	4,838	8,100	2,438	55,816
380 Sierra Dr.		2,547	2,467	1,706	756	31	2	0	2	62	694	1,627	2,532	12,426
380 Sierra Dr.		2,652	2,587	1,802	804	32	2	1	1	66	736	1,722	10,327	20,732
		36,639	36,641	30,768	22,596	9,602	7,497	8,762	5,764	10,702	19,933	32,441	41,763	263,108
375 Pepper Ave.	010065-01-9	41,909	42,600	38,077	30,443	15,010	11,529	13,510	8,791	13,639	20,590	27,180	35,261	298,539
1600 Crystal Springs		18,369	10,901	6,386	11,524	5,919	4,678	5,836	4,048	5,946	11,296	15,541	29,432	129,876
1 Tartan Trail		59,341	66,889	42,212	27,199	12,463	10,781	11,999	8,540	13,499	16,964	23,036	19,679	312,602
		119,619	120,390	86,675	69,166	33,392	26,988	31,345	21,379	33,084	48,850	65,757	84,372	741,017
355 Hillsborough Blvd.	010066-01-7	13,687	13,566	10,139	8,267	3,415	3,545	4,470	3,044	5,517	13,506	17,890	34,930	131,976
900 Barolihet Ave.		28,830	28,656	25,784	22,772	12,188	10,653	11,482	8,751	14,353	21,460	28,106	21,639	234,674
901 Newhall Ave.		9,624	9,599	8,135	6,205	2,727	2,018	2,786	1,670	2,936	5,459	7,799	12,406	71,364
		52,141	51,821	44,058	37,244	18,330	16,216	18,738	13,465	22,806	40,425	53,795	68,975	438,014
899 Newhall Ave.	010067-01-5	30,894	31,021	26,351	20,419	9,181	7,156	9,422	6,323	10,695	18,325	27,477	35,506	232,770
Total CCF		239,293	239,873	187,852	149,425	70,505	57,857	68,267	46,931	77,287	127,533	179,470	230,616	1,674,909
Total MG		178.99	179.43	140.51	111.77	52.74	43.28	51.06	35.10	57.81	95.39	134.24	172.50	1,253

Newhall / Pepper	121,677	91.01	0.76	3,844
Barroilhet	43,074	32.22	0.27	
Cherry Creek	14,474	10.83	0.09	
Sierra	71	0.05	0.00	
Tartan Trail	43,783	32.75	0.27	
1600 Crystal Springs Rd.	20,481	15.32	0.13	

## 2009-10

## 2009-10 Hillsborough Water Purchases [SFPUC Water Bills]

Meter Location	New Acct No.	Jul-09	Aug-09	Sep-09	Oct-09	Nov-09	Dec-09	Jan-10	Feb-10	Mar-10	Apr-10	May-10	Jun-10	FY Totals
401 Pepper Ave.	2600000000	10,726	10,477	8,916	5,533	5,389	4,011	2,986	3,766	3,386	5,017	5,641	11,866	77,714
401 Pepper Ave.		13,497	13,054	11,040	6,756	6,617	4,805	3,537	4,557	4,092	6,069	6,899	14,806	95,729
395 Pepper Ave.		2,511	2,594	1,913	431	70	0	0	1,514	2,913	5,331	7,169	13,290	37,736
380 Sierra Dr.		2,576	2,654	1,966	451	73	0	0	1,688	3,092	5,555	7,424	13,835	39,314
380 Sierra Dr.		9,457	9,309	7,986	5,151	4,994	3,829	2,825	3,480	3,177	4,665	5,108	10,477	70,458
		38,767	38,088	31,821	18,322	17,143	12,645	9,348	15,005	16,660	26,637	32,241	64,274	320,951
375 Pepper Ave.	3600000000	32,560	32,590	26,730	6,210	23,669	0	0	2	0	5,803	16,199	36,963	180,726
1600 Crystal Springs		26,644	29,521	26,150	14,945	13,076	8,007	6,357	6,178	7,555	13,905	16,658	32,251	201,247
1 Tartan Trail		17,793	17,764	15,295	9,750	7,505	4,990	3,301	3,894	4,298	7,430	9,820	19,204	121,044
		76,997	79,875	68,175	30,905	44,250	12,997	9,658	10,074	11,853	27,138	42,677	88,418	503,017
355 Hillsborough Blvd.	4600000000	32,143	31,306	27,693	18,370	15,485	11,431	7,193	5,287	7,879	12,802	14,828	27,670	212,087
900 Barolihet Ave.		19,300	20,657	18,147	11,011	10,034	7,218	4,297	4,741	5,636	9,820	12,421	22,422	145,704
901 Newhall Ave.		8,788	8,780	7,336	4,468	4,217	2,722	1,859	1,200	2,518	3,532	4,385	9,893	59,698
		60,231	60,743	53,176	33,849	29,736	21,371	13,349	11,228	16,033	26,154	31,634	59,985	417,489
899 Newhall Ave.	5600000000	32,361	32,874	27,890	17,131	15,493	9,814	6,873	5,351	9,968	13,833	16,499	35,646	223,733
Total CCF		208,356	211,580	181,062	100,207	106,622	56,827	39,228	41,658	54,514	93,762	123,051	248,323	1,465,190
Total MG		155.85	158.26	135.43	74.95	79.75	42.51	29.34	31.16	40.78	70.13	92.04	185.75	1,096

**20010-11**

**2010-11 Hillsborough Water Purchases [SFPUC Water Bills]**

Meter Location

New Acct No.	Jul-10	Aug-10	Sep-10	Oct-10	Nov-10	Dec-10	Jan-11	Feb-11	Mar-11	Apr-11	May-11	Jun-11	FY Totals
2600000000	10,181	11,202	11,403	4,492	2,899	2,152	2,815	2,437	3,191	0	0	0	50,772
401 Pepper Ave.	12,766	14,127	14,436	5,563	3,544	2,478	3,303	2,817	3,490	0	0	0	62,524
401 Pepper Ave.	11,293	12,134	12,327	5,624	3,425	2,247	2,843	2,506	3,501	0	0	0	55,900
395 Pepper Ave.	11,702	12,498	12,602	5,690	3,350	2,069	2,806	2,491	3,485	0	0	0	56,693
380 Sierra Dr.	8,989	9,895	10,166	4,166	2,761	2,173	2,751	2,353	3,026	0	0	0	46,280
380 Sierra Dr.	54,931	59,856	60,934	25,535	15,979	11,119	14,518	12,604	16,693	0	0	0	272,169
New Acct No.	Jul-10	Aug-10	Sep-10	Oct-10	Nov-10	Dec-10	Jan-11	Feb-11	Mar-11	Apr-11	May-11	Jun-11	FY Totals
3600000000	30,299	32,425	36,605	13,520	8,251	5,676	7,852	6,118	7,335	0	0	0	148,081
375 Pepper Ave.	28,393	30,390	24,993	10,782	9,326	6,546	9,856	6,917	8,068	0	0	0	135,271
1600 Crystal Springs	16,023	17,122	17,418	8,345	5,860	4,625	4,959	3,816	4,727	0	0	0	82,895
1 Tartan Trail	74,715	79,937	79,016	32,647	23,437	16,847	22,667	16,851	20,130	0	0	0	366,247
New Acct No.	Jul-10	Aug-10	Sep-10	Oct-10	Nov-10	Dec-10	Jan-11	Feb-11	Mar-11	Apr-11	May-11	Jun-11	FY Totals
4600000000	22,155	24,681	25,069	10,881	8,236	5,456	6,407	5,714	7,015	0	0	0	115,614
355 Hillsborough Blvd.	18,670	19,248	24,282	12,503	7,006	5,338	3,930	4,724	6,941	0	0	0	102,642
900 Baroihet Ave.	8,137	8,855	8,572	3,677	2,381	1,608	2,208	1,725	2,173	0	0	0	39,336
901 Newhall Ave.	48,962	52,784	57,923	27,061	17,623	12,402	12,545	12,163	16,129	0	0	0	257,592
New Acct No.	Jul-10	Aug-10	Sep-10	Oct-10	Nov-10	Dec-10	Jan-11	Feb-11	Mar-11	Apr-11	May-11	Jun-11	FY Totals
5600000000	29,881	32,521	32,058	13,843	9,867	6,716	8,883	4,298	7,389	0	0	0	145,456
899 Newhall Ave.													
Total CCF	208,489	225,098	229,931	99,086	66,906	47,084	58,613	45,916	60,341	0	0	0	1,041,464
Total MG	155.95	168.37	171.99	74.12	50.05	35.22	43.84	34.35	45.14	0.00	0.00	0.00	779

# Attachment 10

NO-DES Press Release

## FOR IMMEDIATE RELEASE:

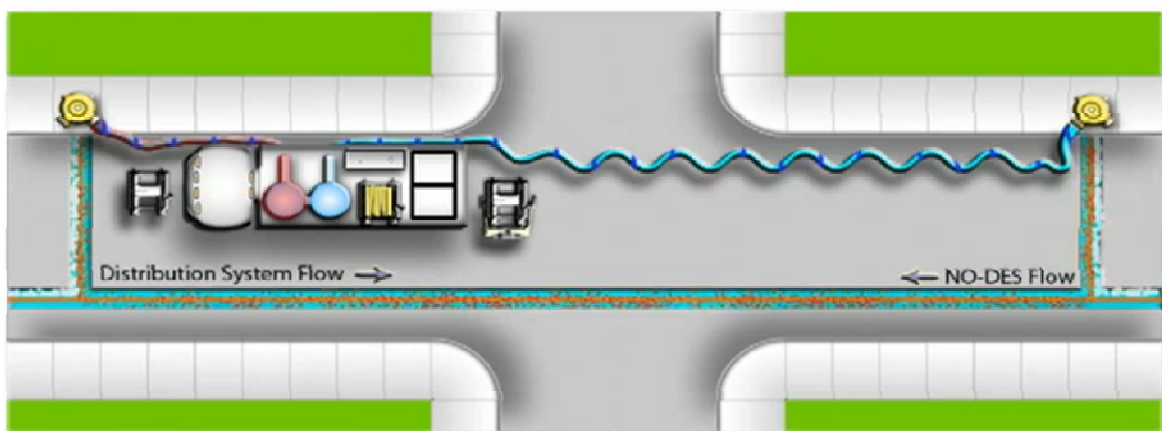
### The Town of Hillsborough Innovates to Conserve Water

*Hillsborough, California (March 15, 2011)*  
Have you ever seen water gushing out of a fire hydrant and running down the street like a small river for no apparent reason? If so, you probably witnessed what is called “water main flushing”. During water main flushing, a water agency opens a fire hydrant and lets it flow for up to an hour or more in order to clean its water system’s pipes. In a typical system with hundreds of miles of water pipes and thousands of hydrants, a water agency may flush tens and even hundreds of millions of gallons of water down storm drains each year.



Water main flushing is necessary to ensure that water is clean and safe to drink. Over time mineral deposits build up inside the system’s water pipes. These deposits can harbor bacteria and other organisms (“biofilm”) that could potentially impact human health. Water flowing out of a fully open hydrant has enough force to literally “scrub” the insides of nearby water mains. It dislodges the mineral deposits and biofilm, flushes them out of the hydrant, and pulls fresh drinking water into the cleaned water mains. Unfortunately, the current practice also wastes enormous amounts of water. In an effort to “Lead by Example in Water Conservation”, the Town of Hillsborough has discovered an innovative way to flush its water system without wasting water.

Hillsborough received a grant from the California Water Resources Control Board to help purchase a new water flushing technology called “NO-DES”. This truck mounted NO-DES unit flushes, filters and safely re-circulates water back into the water distribution system, saving millions of gallons of water in the process. The NO-DES method is simple: the NO-DES unit is parked between two fire hydrants with hoses connected from each hydrant back to the unit, which creates a temporary “loop” in the water distribution system. A pump on the NO-DES unit then circulates water through that loop at a velocity



fast enough to scour the inside of the water main. This water is filtered through the NO-DES unit (down to one-micron absolute - approximately 100 times smaller than the diameter of a human hair), which removes the deposits that have been intentionally “stirred up”. The NO-DES unit can also add disinfectant to further improve water quality and ensure its safety, something current flushing methods cannot achieve.



Hillsborough is the first water agency to purchase and use this innovative new system, with oversight from the California Department of Public Health. Rigorous water testing and reporting protocols ensure that the water filtered and disinfected by the NO-DES system is clean and safe. The Town began using the system in February 2011 and expects to conserve tens of millions of gallons of water in its very first year of use. For more information, please contact Ed Cooney or visit [www.no-des.com](http://www.no-des.com).

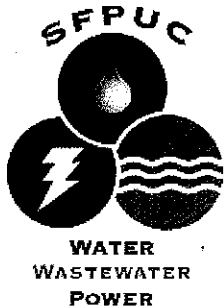
Contact:

Ed Cooney  
Town of Hillsborough  
1600 Floribunda Avenue  
Hillsborough, CA 94010  
[ecooney@hillsborough.net](mailto:ecooney@hillsborough.net)  
(415) 606-6786  
(650) 579-3355

###

# Attachment 11

February 2, 2010 and March 31, 2011 Letter from Paula Kehoe  
to Nicole Sandkulla



## SAN FRANCISCO PUBLIC UTILITIES COMMISSION

1155 Market St., 11th Floor, San Francisco, CA 94103 • Tel. (415) 554-3155 • Fax (415) 554-3161 • TTY (415) 554.3488



February 22, 2010

**GAVIN NEWSOM**  
MAYOR

**F.X. CROWLEY**  
PRESIDENT

**FRANCESCA VIETOR**  
VICE PRESIDENT

**ANN MOLLER CAEN**  
COMMISSIONER

**JULIET ELLIS**  
COMMISSIONER

**ANSON B. MORAN**  
COMMISSIONER

**ED HARRINGTON**  
GENERAL MANAGER

Nicole Sandkulla  
Senior Water Resources Engineer  
Bay Area Water Supply and Conservation Agency  
155 Bovet Road, Suite 302  
San Mateo, CA 94402

Dear Nicole,

Attached please find the information you requested on the Regional Water System's supply reliability for use in the Wholesale Customer's 2010 Urban Water Management Plan updates. The SFPUC has assessed the water supply reliability under the following planning scenarios:

- Projected Single dry-year supply for 2010
- Projected Multiple dry-year supply beginning 2010; and
- Projected supply reliability for years 2010-2030.

Table 1 summarizes deliveries to the Wholesale Customers for projected single dry-year supply for 2010 and projected multiple dry-year supply beginning 2010.

With regards to future demands, the SFPUC proposes to expand their water supply portfolio by increasing the types of water supply resources. Table 2 summarizes the water supply resources assumed to be available by 2030.

Concerning allocation of supply during dry years, the Water Shortage Allocation Plan ("Plan") was utilized to allocate shortages between the SFPUC and the Wholesale Customers collectively. The Plan implements a method for allocating water among the individual Wholesale Customers which has been adopted by the Wholesale Customers. The Plan was adopted pursuant to Section 7.03(a) of the 1984 Settlement Agreement and Master Water Sales Contract and has been updated to correspond to the terminology used in the June 2009 Water Supply Agreement between the City and County of San Francisco and Wholesale Customers in Alameda County, San Mateo County and Santa Clara County.

Finally, the SFPUC estimated the frequency and severity of anticipated shortages for the period 2010 through 2030. For this analysis, we assumed that the historical hydrologic period is indicative of future events and evaluated the supply reliability assuming a repeat of the actual historic hydrologic period 1920 through 2002. The results of this analysis are summarized in Table 3.

It is our understanding that you will pass this information on to the Wholesale Customers. If you have any questions or need additional information, please do not hesitate to contact me at (415) 554-0792.

Sincerely,

A handwritten signature in black ink that reads "Paula Kehoe". The signature is written in a cursive style with a long horizontal flourish at the end.

Paula Kehoe  
Director of Water Resources

**Table 1**  
**Projected Deliveries for Three**  
**Multiple Dry Years**

	Purchase Request Year 2010 mgd	One Critical Dry Year	Current Deliveries during Multiple Dry Years in mgd		
			Year 1	Year 2	Year 3
System-Wide Shortage in Percent	0%	10%	10%	20%	20%
Wholesale Allocation mgd	184.0	152.6	152.6	132.5	132.5

**Table 2**

<b>UWMP Studies: Water Supply Reliability</b> <b>Water Supply Options for Years 2010 through 2030</b>					
	2010	2015	2020	2025	2030
Crystal Springs Reservoir (22.28bg)		x	x	x	x
Westside Basin Groundwater afa		8,100	8,100	8,100	8,100
Calaveras Reservoir Recov(31.5 bg)		x	x	x	x
Districts' Transfer afa		2240	2240	2240	2240

**Table 3: Projected System Supply Reliability Based on Historical Hydrologic Period**

Allocation by Year	Wholesale Demand in mgd				
	184.0	184.0	184.0	184.0	184.0
	Projected Wholesale Allocation in mgd				
Delivery for Fiscal Year	2010	2015	2020	2025	2030
1920	184.0	184.0	184.0	184.0	184.0
1921	184.0	184.0	184.0	184.0	184.0
1922	184.0	184.0	184.0	184.0	184.0
1923	184.0	184.0	184.0	184.0	184.0
1924	184.0	184.0	184.0	184.0	184.0
1925	154.6	184.0	184.0	184.0	184.0
1926	184.0	184.0	184.0	184.0	184.0
1927	184.0	184.0	184.0	184.0	184.0
1928	184.0	184.0	184.0	184.0	184.0
1929	184.0	184.0	184.0	184.0	184.0
1930	184.0	184.0	184.0	184.0	184.0
1931	184.0	184.0	184.0	184.0	184.0
1932	132.5	152.6	152.6	152.6	152.6
1933	184.0	184.0	184.0	184.0	184.0
1934	184.0	184.0	184.0	184.0	184.0
1935	154.6	184.0	184.0	184.0	184.0
1936	184.0	184.0	184.0	184.0	184.0
1937	184.0	184.0	184.0	184.0	184.0
1938	184.0	184.0	184.0	184.0	184.0
1939	184.0	184.0	184.0	184.0	184.0
1940	184.0	184.0	184.0	184.0	184.0
1941	184.0	184.0	184.0	184.0	184.0
1942	184.0	184.0	184.0	184.0	184.0
1943	184.0	184.0	184.0	184.0	184.0
1944	184.0	184.0	184.0	184.0	184.0
1945	184.0	184.0	184.0	184.0	184.0
1946	184.0	184.0	184.0	184.0	184.0
1947	184.0	184.0	184.0	184.0	184.0
1948	184.0	184.0	184.0	184.0	184.0
1949	184.0	184.0	184.0	184.0	184.0
1950	184.0	184.0	184.0	184.0	184.0
1951	184.0	184.0	184.0	184.0	184.0
1952	184.0	184.0	184.0	184.0	184.0
1953	184.0	184.0	184.0	184.0	184.0
1954	184.0	184.0	184.0	184.0	184.0
1955	184.0	184.0	184.0	184.0	184.0
1956	184.0	184.0	184.0	184.0	184.0
1957	184.0	184.0	184.0	184.0	184.0
1958	184.0	184.0	184.0	184.0	184.0
1959	184.0	184.0	184.0	184.0	184.0

<b>Delivery for Fiscal Year</b>	<b>2010</b>	<b>2015</b>	<b>2020</b>	<b>2025</b>	<b>2030</b>
1960	184.0	184.0	184.0	184.0	184.0
1961	152.6	184.0	184.0	184.0	184.0
1962	132.5	152.6	152.6	152.6	152.6
1963	184.0	184.0	184.0	184.0	184.0
1964	184.0	184.0	184.0	184.0	184.0
1965	184.0	184.0	184.0	184.0	184.0
1966	184.0	184.0	184.0	184.0	184.0
1967	184.0	184.0	184.0	184.0	184.0
1968	184.0	184.0	184.0	184.0	184.0
1969	184.0	184.0	184.0	184.0	184.0
1970	184.0	184.0	184.0	184.0	184.0
1971	184.0	184.0	184.0	184.0	184.0
1972	184.0	184.0	184.0	184.0	184.0
1973	184.0	184.0	184.0	184.0	184.0
1974	184.0	184.0	184.0	184.0	184.0
1975	184.0	184.0	184.0	184.0	184.0
1976	184.0	184.0	184.0	184.0	184.0
1977	152.6	184.0	184.0	184.0	184.0
1978	136.2	152.6	152.6	152.6	152.6
1979	184.0	184.0	184.0	184.0	184.0
1980	184.0	184.0	184.0	184.0	184.0
1981	184.0	184.0	184.0	184.0	184.0
1982	184.0	184.0	184.0	184.0	184.0
1983	184.0	184.0	184.0	184.0	184.0
1984	184.0	184.0	184.0	184.0	184.0
1985	184.0	184.0	184.0	184.0	184.0
1986	184.0	184.0	184.0	184.0	184.0
1987	184.0	184.0	184.0	184.0	184.0
1988	152.6	184.0	184.0	184.0	184.0
1989	132.5	152.6	152.6	152.6	152.6
1990	132.5	152.6	152.6	152.6	152.6
1991	132.5	132.5	132.5	132.5	132.5
1992	132.5	152.6	152.6	152.6	152.6
1993	136.2	132.5	132.5	132.5	132.5
1994	184.0	184.0	184.0	184.0	184.0
1995	154.6	184.0	184.0	184.0	184.0
1996	184.0	184.0	184.0	184.0	184.0
1997	184.0	184.0	184.0	184.0	184.0
1998	184.0	184.0	184.0	184.0	184.0
1999	184.0	184.0	184.0	184.0	184.0
2000	184.0	184.0	184.0	184.0	184.0
2001	184.0	184.0	184.0	184.0	184.0
2002	184.0	184.0	184.0	184.0	184.0



## SAN FRANCISCO PUBLIC UTILITIES COMMISSION

1145 Market St., 4th Floor, San Francisco, CA 94103 • Tel. (415) 554-3271 • Fax (415) 554-3161 • TTY (415) 934-5770



March 31, 2011

**EDWIN M. LEE**  
MAYOR

**FRANCESCA VIETOR**  
PRESIDENT

**ANSON MORAN**  
VICE PRESIDENT

**ANN MOLLER CAEN**  
COMMISSIONER

**ART TORRES**  
COMMISSIONER

**VINCE COURTNEY**  
COMMISSIONER

**ED HARRINGTON**  
GENERAL MANAGER

Nicole Sandkulla  
Senior Water Resources Engineer  
Bay Area Water Supply and Conservation Agency  
155 Bovet Road, Suite 302  
San Mateo, CA 94402

Dear Nicole,

Attached please find additional information through 2035 on the Regional Water System's supply reliability for use in the Wholesale Customer's 2010 Urban Water Management Plan updates. The SFPUC has assessed the water supply reliability under the following planning scenarios:

- Projected Single dry-year supply for 2010
- Projected Multiple dry-year supply beginning 2010; and
- Projected supply reliability for years 2010-2035.

Table 1 summarizes deliveries to the Wholesale Customers for projected single dry-year supply for 2010 and projected multiple dry-year supply beginning 2010.

With regards to future demands, the SFPUC proposes to expand their water supply portfolio by increasing the types of water supply resources. Table 2 summarizes the water supply resources assumed to be available by 2035.

Concerning allocation of supply during dry years, the Water Shortage Allocation Plan ("Plan") was utilized to allocate shortages between the SFPUC and the Wholesale Customers collectively. The Plan implements a method for allocating water among the individual Wholesale Customers which has been adopted by the Wholesale Customers. The Plan was adopted pursuant to Section 7.03(a) of the 1984 Settlement Agreement and Master Water Sales Contract and has been updated to correspond to the terminology used in the June 2009 Water Supply Agreement between the City and County of San Francisco and Wholesale Customers in Alameda County, San Mateo County and Santa Clara County.

Finally, the SFPUC estimated the frequency and severity of anticipated shortages for the period 2010 through 2035. For this analysis, we assumed that the historical hydrologic period is indicative of future events and evaluated the supply reliability assuming a repeat of the actual historic hydrologic period 1920 through 2002. The results of this analysis are summarized in Table 3.

It is our understanding that you will pass this information on to the Wholesale Customers. If you have any questions or need additional information, please do not hesitate to contact me at (415) 554-0792.

Sincerely,



Paula Kehoe  
Director of Water Resources



**Table 1**  
**Projected Deliveries for Three**  
**Multiple Dry Years**

	2010	One Critical Dry Year	Deliveries during Multiple Dry Years in mgd		
			Year 1	Year 2	Year 3
System-Wide Shortage in Percent	0%	10%	10%	20%	20%
Wholesale Allocation (mgd)	184.0	152.6	152.6	132.5	132.5

**Table 2**  
**UWMP Studies: Water Supply**  
**Reliability**  
**Water Supply Options for Years 2010**  
**through 2030**

	2010	2015	2020	2025	2030	2035
Crystal Springs Reservoir (20.28bg)		x	x	x	x	x
Westside Basin Groundwater afa		8,100	8,100	8,100	8,100	8,100
Calaveras Reservoir Recovery (31.5 bg)		x	x	x	x	x
Districts' Transfer afa		2240	2240	2240	2240	2240

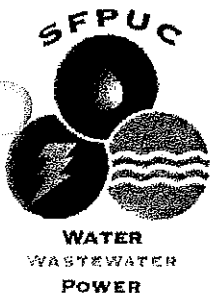
**Table 3: Projected System Supply Reliability Based on Historical Hydrologic Period**

Allocation by Year	Wholesale Demand in mgd					
	184.0	184.0	184.0	184.0	184.0	184.0
	Projected Wholesale Allocation in mgd					
Delivery for Fiscal Year	2010	2015	2020	2025	2030	2035
1920	184.0	184.0	184.0	184.0	184.0	184.0
1921	184.0	184.0	184.0	184.0	184.0	184.0
1922	184.0	184.0	184.0	184.0	184.0	184.0
1923	184.0	184.0	184.0	184.0	184.0	184.0
1924	184.0	184.0	184.0	184.0	184.0	184.0
1925	154.6	184.0	184.0	184.0	184.0	184.0
1926	184.0	184.0	184.0	184.0	184.0	184.0
1927	184.0	184.0	184.0	184.0	184.0	184.0
1928	184.0	184.0	184.0	184.0	184.0	184.0
1929	184.0	184.0	184.0	184.0	184.0	184.0
1930	184.0	184.0	184.0	184.0	184.0	184.0
1931	184.0	184.0	184.0	184.0	184.0	184.0
1932	132.5	152.6	152.6	152.6	152.6	152.6
1933	184.0	184.0	184.0	184.0	184.0	184.0
1934	184.0	184.0	184.0	184.0	184.0	184.0
1935	154.6	184.0	184.0	184.0	184.0	184.0
1936	184.0	184.0	184.0	184.0	184.0	184.0
1937	184.0	184.0	184.0	184.0	184.0	184.0
1938	184.0	184.0	184.0	184.0	184.0	184.0
1939	184.0	184.0	184.0	184.0	184.0	184.0
1940	184.0	184.0	184.0	184.0	184.0	184.0
1941	184.0	184.0	184.0	184.0	184.0	184.0
1942	184.0	184.0	184.0	184.0	184.0	184.0
1943	184.0	184.0	184.0	184.0	184.0	184.0
1944	184.0	184.0	184.0	184.0	184.0	184.0
1945	184.0	184.0	184.0	184.0	184.0	184.0
1946	184.0	184.0	184.0	184.0	184.0	184.0
1947	184.0	184.0	184.0	184.0	184.0	184.0
1948	184.0	184.0	184.0	184.0	184.0	184.0
1949	184.0	184.0	184.0	184.0	184.0	184.0
1950	184.0	184.0	184.0	184.0	184.0	184.0
1951	184.0	184.0	184.0	184.0	184.0	184.0
1952	184.0	184.0	184.0	184.0	184.0	184.0
1953	184.0	184.0	184.0	184.0	184.0	184.0
1954	184.0	184.0	184.0	184.0	184.0	184.0
1955	184.0	184.0	184.0	184.0	184.0	184.0
1956	184.0	184.0	184.0	184.0	184.0	184.0
1957	184.0	184.0	184.0	184.0	184.0	184.0
1958	184.0	184.0	184.0	184.0	184.0	184.0
1959	184.0	184.0	184.0	184.0	184.0	184.0

Delivery for Fiscal Year	2010	2015	2020	2025	2030	2035
1960	184.0	184.0	184.0	184.0	184.0	184.0
1961	152.6	184.0	184.0	184.0	184.0	184.0
1962	132.5	152.6	152.6	152.6	152.6	152.6
1963	184.0	184.0	184.0	184.0	184.0	184.0
1964	184.0	184.0	184.0	184.0	184.0	184.0
1965	184.0	184.0	184.0	184.0	184.0	184.0
1966	184.0	184.0	184.0	184.0	184.0	184.0
1967	184.0	184.0	184.0	184.0	184.0	184.0
1968	184.0	184.0	184.0	184.0	184.0	184.0
1969	184.0	184.0	184.0	184.0	184.0	184.0
1970	184.0	184.0	184.0	184.0	184.0	184.0
1971	184.0	184.0	184.0	184.0	184.0	184.0
1972	184.0	184.0	184.0	184.0	184.0	184.0
1973	184.0	184.0	184.0	184.0	184.0	184.0
1974	184.0	184.0	184.0	184.0	184.0	184.0
1975	184.0	184.0	184.0	184.0	184.0	184.0
1976	184.0	184.0	184.0	184.0	184.0	184.0
1977	152.6	184.0	184.0	184.0	184.0	184.0
1978	136.2	152.6	152.6	152.6	152.6	152.6
1979	184.0	184.0	184.0	184.0	184.0	184.0
1980	184.0	184.0	184.0	184.0	184.0	184.0
1981	184.0	184.0	184.0	184.0	184.0	184.0
1982	184.0	184.0	184.0	184.0	184.0	184.0
1983	184.0	184.0	184.0	184.0	184.0	184.0
1984	184.0	184.0	184.0	184.0	184.0	184.0
1985	184.0	184.0	184.0	184.0	184.0	184.0
1986	184.0	184.0	184.0	184.0	184.0	184.0
1987	184.0	184.0	184.0	184.0	184.0	184.0
1988	152.6	184.0	184.0	184.0	184.0	184.0
1989	132.5	152.6	152.6	152.6	152.6	152.6
1990	132.5	152.6	152.6	152.6	152.6	152.6
1991	132.5	132.5	132.5	132.5	132.5	132.5
1992	132.5	152.6	152.6	152.6	152.6	152.6
1993	136.2	132.5	132.5	132.5	132.5	132.5
1994	184.0	184.0	184.0	184.0	184.0	184.0
1995	154.6	184.0	184.0	184.0	184.0	184.0
1996	184.0	184.0	184.0	184.0	184.0	184.0
1997	184.0	184.0	184.0	184.0	184.0	184.0
1998	184.0	184.0	184.0	184.0	184.0	184.0
1999	184.0	184.0	184.0	184.0	184.0	184.0
2000	184.0	184.0	184.0	184.0	184.0	184.0
2001	184.0	184.0	184.0	184.0	184.0	184.0
2002	184.0	184.0	184.0	184.0	184.0	184.0

# Attachment 12

May 11, 2011 Letter from Charles Perl to Art Jensen, Defining  
SFPUC's Environmental Surcharge Methodology



## SAN FRANCISCO PUBLIC UTILITIES COMMISSION

1155 Market St., 11th Floor, San Francisco, CA 94103 • Tel. (415) 554-3155 • Fax (415) 554-3161 • TTY (415) 554.3488



May 11, 2011

Mr. Arthur R. Jensen  
General Manager  
Bay Area Water Supply & Conservation Agency  
155 Bovet Road, Suite 302  
San Mateo, CA 94402

EDWIN M. LEE  
MAYOR

FRANCESCA VIOTOR  
PRESIDENT

ANSON MORAN  
VICE PRESIDENT

ANN MOLLER CAEN  
COMMISSIONER

ART TORRES  
COMMISSIONER

VINCE COURTNEY  
COMMISSIONER

ED HARRINGTON  
GENERAL MANAGER

Re: Revision to April 7, 2011 Rate Notice - Wholesale Water Rates & the Environmental Enhancement Surcharge, Effective Fiscal Year 2011-12

Dear Mr. Jensen: *Art*

The San Francisco Public Utilities Commission (SFPUC) held a public hearing on May 10, 2011 and adopted Wholesale Water Rates and the Environmental Enhancement Surcharge, both for FY 2011-12 and effective July 1, 2011. Based on Wholesale Customer feedback regarding the proposed rate increase and also based on additional wholesale water delivery information, the SFPUC revised the FY 2011-12 Wholesale Water Rate. The Untreated Wholesale Water Rate Discount Factor and Environmental Enhancement Surcharge, as specified in the April 7, 2011 notice, remain unchanged. This letter and attachments reflect revisions made to the April 7, 2011 rate notice as reviewed and approved by the SFPUC on May 10, 2011.

### Changes from April 7, 2011 Rate Notice

Two adjustments to the financial projections are reflected in the revised attachments.

- Balancing Account Payment Spread Over Longer Term: Repayment of the estimated \$40 million Balancing Account will be spread over three years, with the FY 2011-12 payment reduced from \$25 million to \$20 million.
- Revised Water Delivery Projections: Additional April 2011 water deliveries data have been incorporated into current year and FY 2011-12 financial projections. FY 2010-11 wholesale water sales are estimated to be 143.9 MGD or 4.9 percent below last year's purchases. FY 2011-12 assumes continued reduction in water sales, based on recent experience over the last 4 years, and results in projected sales of 140 MGD to Wholesale Customers. The April 7, 2011 rate noticing assumed FY 2011-12 projected water sales of 135 MGD to Wholesale Customers.

These two changes reduced the proposed FY 2011-12 rate increase from 47.4% to 38.4%. The Commission approved the volume charge shown on Water Rate Schedule W-25 reflecting an increase from the current \$1.90 per Ccf to \$2.63 per Ccf, or a 38.4% increase. This increase includes a partial payment of the balancing account as detailed in Attachment N-3. The Schedule W-25 fixed monthly service charges will remain the same.

### Rate Reset Possible If Water Deliveries Decline Further

If Wholesale Customer water purchases during FY 2011-12 drop to the 135 MGD level, instead of the assumed 140 MGD level, the projected revenue would be approximately \$6.6 million less assuming a \$2.63 rate per Ccf. To guard against this revenue shortfall, the rate legislation as approved includes a new rate reset mechanism that adjusts the rate to \$2.72 per Ccf in

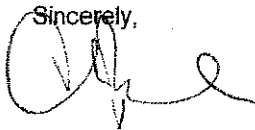
the event actual Wholesale Customer sales during twelve months ending October 2011 fail to 135 MGD or lower. The \$2.72 per Ccf rate would take effect with the January 1, 2012 billings.

The following revised information supporting the approved FY 2011-12 rate change is being provided:

- Attachment N-1. Balancing Account/Rate Setting Calculation: A table illustrating the change in the Wholesale Revenue Requirement and how the wholesale rate was calculated.
- Attachment N-2. Wholesale Revenue Requirement Schedules: A series of schedules showing the projected expenses included in the Wholesale Revenue Requirement for the proposed rate year, along with supporting materials.
- Attachment N-3. Schedule of Projected Water Sales, Wholesale Revenue Requirements and Wholesale Rates: A schedule showing projected Wholesale Customer water sales and rates for the proposed rate year and the following four fiscal years.
- SFPUC Water Rate Schedule W-25. Wholesale Use with Long-Term Contract: FY 2011-12 Wholesale Customer water rates.
- SFPUC Water Rate Schedule W-26. Environmental Enhancement Surcharge: Wholesale and Retail Customer Environmental Enhancement Surcharge on volumetric water rates through FY 2017-18.

If you have any questions regarding this letter or the attachments, please contact me at 415-487-5262, or Amy Javelosa-Rio, Rate Administrator at 415-487-5207.

Sincerely,



Charles Perl  
Deputy Chief Financial Officer  
Financial Services

Enclosures

cc: Ed Harrington (w/ enclosures)  
Steve Ritchie (w/ enclosures)  
Todd Rydstrom (w/ enclosures)

**SCHEDULE W-26. Environmental Enhancement Surcharge Proposal**

Applicable to municipalities, water districts and others, including San Francisco Retail Customers as a whole, whose Interim Supply Allocations make up the Interim Supply Limitation when the said Interim Supply Limitation exceeds 265 MGD in any given year through fiscal year 2017-18.

**First:** The Interim Supply Limitation is allocated between Retail and Wholesale Customers as follows:

Retail Customers' Allocation	<b>81 MGD</b>
Wholesale Customers' Allocation	<b>184 MGD</b>

**Second:** The Interim Supply Allocations are allocated between Wholesale Customers as follows:

Wholesale Customer	Interim Supply Allocation (MGD)
Alameda CWD	13.76
Brisbane/Guadalupe	0.96
Burlingame	4.97
California Water Service Company	35.68
Coastside	2.18
Daly City	4.29
East Palo Alto	1.96
Estero	5.85
Hayward <sup>2</sup>	22.92
Hillsborough	3.72
Menlo Park	4.10
Mid-Peninsula	3.71
Millbrae	3.13
Milpitas	8.96
Mountain View	11.43
North Coast	3.67
Palo Alto	14.70
Purissima Hills	1.63
Redwood City	10.88
San Bruno	2.65
San Jose	4.13
Santa Clara	4.13
Stanford	2.91
Sunnyvale	10.59
Westborough	1.08
<b>Total</b>	<b>184.00</b>

1. Hayward value calculated as 184 mgd less the total of permanent customer ISG's (161.91 mgd).

**Third:** A surcharge for any water delivered beyond that customer's Interim Supply Allocation.

Water Deliveries Over Interim Supply Allocation	Surcharge Cost per MGD Above ISA
For the first 1 MGD Over	<b>\$850,000</b>
For the next 4 MGD Over	<b>\$1,700,000</b>
For all additional MGD Over	<b>\$3,400,000</b>

# Attachment 13

Town of Hillsborough Water Rationing Ordinance

## **Division II. Water System**

### **Chapter 13.16**

#### **WATER CONSERVATION**

##### **Sections:**

##### **13.16.010 Findings and determinations.**

##### **13.16.020 Definitions.**

##### **13.16.030 Voluntary water conservation.**

##### **13.16.040 Water rationing.**

##### **13.16.050 Future rationing formulas.**

##### **13.16.010 Findings and determinations.**

The city council of the town finds and determines that:

A. Effective March 23, 1993, the San Francisco Water Department ("SFWD"), which is the supplier of water to the town, terminated its mandatory water rationing and replaced it with the objective of a fifteen percent reduction from 1987-88 use.

B. Despite the current easing of California's water shortage thanks to the heavy precipitation of the 1992/93 winter, California's water supply and population growth will necessitate prudent water use by all of the state's residents for the foreseeable future.

C. Based on the above, it is appropriate that the town terminate its mandatory rationing program (including excess use penalties and the banking of unused water allotments). (Ord. 608 § 9 (part), 2000: Ord. 526, 1993)

##### **13.16.020 Definitions.**

A. "Town" means the Town of Hillsborough.

B. "City council" means the City Council of the Town of Hillsborough.

C. "City manager" means the City Manager of the Town of Hillsborough.

D. "Person" means any individual, firm, partnership, association, corporation, company, organization, or governmental or other entity.

E. "Customer" means any person, whether within or without the geographic boundaries of

the Town of Hillsborough, who uses water supplied by the Town of Hillsborough. (Ord. 608 § 9 (part), 2000: Ord. 526, 1993)

##### **13.16.030 Voluntary water conservation.**

A. All customers are urged and encouraged to continue to conserve water in order that the town will meet the objective of a fifteen percent reduction.

B. Customers are urged to use reclaimed rather than town water for consolidation of backfill and other construction purposes.

C. Organizations holding social or similar events in the town and private clubs in the town are encouraged to serve water to individuals only upon request.

D. Since the mandatory rationing program revealed that leaks were a major cause of waste, customers are encouraged to monitor their water use and to maintain close surveillance over their plumbing and irrigation systems to insure early leak detection. Customers who have been given notice to repair broken or defective plumbing or irrigation systems are urged to have those repairs completed as soon as possible and in any event within five days after receipt of the notice. Customers with existing landscapes over one acre in size shall comply with Section 15.29.130 of the Hillsborough Municipal Code.

E. Customers are encouraged to prepare for the future by converting high water use landscapes to plantings of low and moderate water use. The end of rationing frees up water to establish these new plants. (Customers are also referred to the town's landscaping ordinance, currently codified in Chapter 17.56, which requires permits for new landscapes and major landscape rehabilitations. Chapter 15.29 of the Hillsborough Municipal Code provides standards for landscape design for water conservation and provides for reference materials, which classify plants by level of water use.)

F. Customers are encouraged to utilize landscape water audits to obtain recommendations for

optimizing irrigation systems and management.  
(Ord. 608 § 9 (part), 2000: Ord. 526, 1993)  
(Ord. No. 689, § 1, 6-14-2010)

### **13.16.035 Mandatory water conservation.**

Chapter 15.29 of the Hillsborough Municipal Code establishes mandatory outdoor water conservation measures for new construction and permitted, rehabilitated landscapes with irrigated areas greater than 2,500 square feet.

(Ord. No. 689, § 2, 6-14-2010)

### **13.16.040 Water rationing.**

The town's sole source for its supply of water is San Francisco Water Department (SFWD). Normal water allotments for properties served by the Hillsborough water department shall be determined by the following method:

A. For residential parcels, the sum of the following:

1. Three units per month per household;
2. For persons living at such residence for at least six months of the year:

Four units per month for the first person,

Three units per month for the second person,

Two units per month for each additional person;

3. The following formulas shall be used to determine outdoor water allotments:

<b>Parcel Size Allotment</b>	
Less than 0.5 acres	$y = 295x + 80$
0.5 acres to 0.99 acres	$y = 185x + 135$
1 acre to 2.49 acres	$y = 50x + 270$
2.5 acres to 3 acres	$y = 40x + 295$
Greater than 3 acres	Determined by water auditor

where  $y$  = annual outdoor allotment in units  
(ccf)

$x$  = parcel size in acres

Parcels less than three acres may, at their option and expense, have their outdoor allotment determined by a water auditor.

B. In the event mandatory water rationing is required and imposed on the town by the SFWD, nonresidential parcels will have water allotments determined by a water auditor and residential outdoor allotments will be reduced. Reductions to residential outdoor water allotments will be determined at the time rationing is imposed on the town. The monthly distribution of the outdoor allotments shall be in the same ratio as the town is allotted water by the SFWD.

Unused monthly allotments may be banked for future use during the rationing period. (Ord. 608 § 9, 2000: Ord. 556 § 1, 1997: Ord. 526, 1993)

### **13.16.050 Future rationing formulas.**

Future water rationing allotments shall not be based on water use in 1993 or thereafter. (Ord. 608 §§ 9 (part), 11 (part), 2000: Ord. 526, 1993)

# Attachment 14

Draft Water Shortage Emergency Resolution

## **RESOLUTION NO. XX-**

### **RESOLUTION DECLARING A WATER SHORTAGE EMERGENCY**

**WHEREAS**, PURSUANT to California Water Code Section 350 et seq., the Council has conducted duly noticed public hearings to establish the criteria under which a water shortage emergency may be declared;

**WHEREAS**, The Town is the water purveyor for the property owners and inhabitants of Hillsborough;

**WHEREAS**, The demand for water service is not expected to lessen;

**WHEREAS**, When the water supply available to the Town from the San Francisco Public Utilities Commission are at or below the Stage II triggering levels described in the 2010 Urban Water Management Plan, the Town may declare a water shortage emergency;

**WHEREAS**, The water supply is inadequate to meet the ordinary demands and requirements without depleting the Town's water supply to the extent that there may be insufficient water for human consumption, sanitation and fire protection; and

**WHEREAS**, This condition is likely to exist until precipitation in the San Francisco Public Utilities Commission watersheds dramatically increases or, in the case of a disaster, until water system damage resulting from the disaster is repaired and normal water service is restored.

**NOW, THEREFORE, BE IT RESOLVED** that the City Council of Hillsborough hereby directs the Mayor to find, determine, declare and conclude that a water shortage emergency condition exists that threatens the adequacy of water supply until the Town's water supply is deemed adequate. After the declaration of a water shortage emergency, the Mayor is directed to determine the appropriate Ration Stage, as outlined in the Town's 2010 Urban Water Management Plan, and implement the Town's Water Shortage Emergency Response Plan and impose water use formula and penalties established in the Water Rationing Ordinance 13.16.

**BE IT FURTHER RESOLVED**, the Council shall periodically conduct proceedings to determine additional restrictions and regulations which may be necessary to safeguard

the adequacy of the water supply for domestic, sanitation, fire protection and environmental requirements.

\_\_\_\_\_  
Mayor of the Town of Hillsborough

\_\_\_\_\_  
Attest: City Clerk

This resolution was adopted by the City Council of the Town of Hillsborough at its regular meeting held on the \_\_\_\_ of \_\_\_\_ 20xx, by the following vote of the members thereof:

AYES: Council Members \_\_\_\_\_

NOES: Council Members \_\_\_\_\_

ABSENT: Council Members \_\_\_\_\_

ABSTAIN: Council Members \_\_\_\_\_

# Attachment 15

Example Water Use Report

# Water Use Report

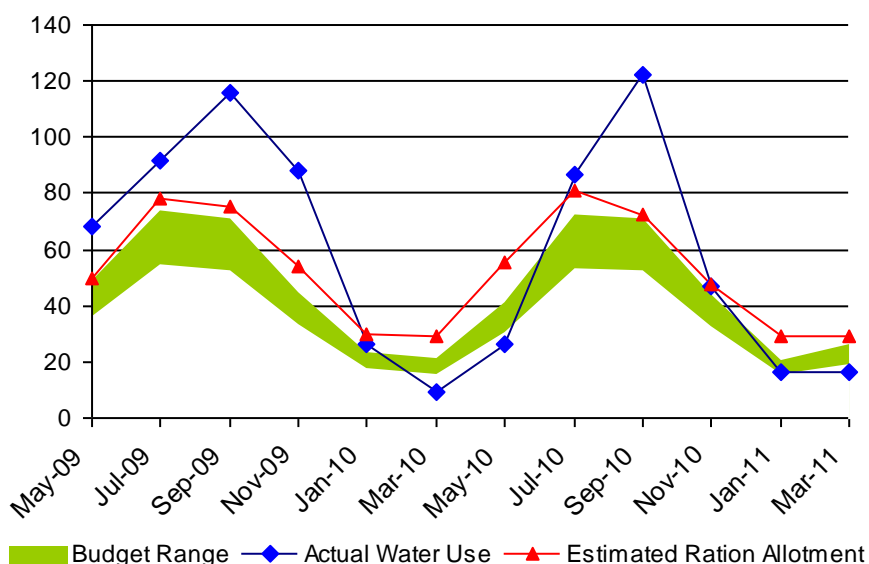
Site ID: [REDACTED]  
April 2011

## Account Number and Service Address:

[REDACTED] [REDACTED]



[REDACTED]  
[REDACTED]  
[REDACTED]



Savings Potential	Last Month	Last 12 Months	Last 24 Months
Over Water Ccf	0	93	255
Over Water %	0%	32%	36%
Dollars Lost \$	\$0	\$617	\$1,636

## Your Ranking

47

100=top score

Your rank measures how close actual water use is to budgeted water use over the last 12 months, relative to all other homes in Hillsborough. It is expressed as a percentile, ranging from 0 to 100 (worst to best).

**You and your neighbors in Hillsborough are saving water. We're doing it together.**

## Site Characteristics

Measurement Method:	Satellite
Measurement Date:	3/1/2010
Irrigated Turf Area (FT2):	2,544
Irrigated Other Area (FT2):	1,800
Pool/Pond Area (FT2):	600
Indoor Water Ccf/Bill:	18
Lot Size (Acres):	0.53
# of Occupants:	3
Annual Water Ration Ccf:	316
Email:	

## Water Use History

Read Date	Actual Water Ccf	Budget Water Ccf	Over Budget Ccf	Ration Water Ccf
3/7/2011	16	23	0	29
1/7/2011	16	18	0	29
11/8/2010	47	38	9	47
9/13/2010	122	62	60	73
7/15/2010	87	63	24	81
5/11/2010	26	36	0	55
3/9/2010	9	18	0	29
1/11/2010	26	21	5	30
11/10/2009	88	39	49	54
9/8/2009	116	62	54	75
7/9/2009	92	64	28	78
5/7/2009	68	43	25	50

## Comments

Go to [www.waterfluence.com/hillsborough](http://www.waterfluence.com/hillsborough) to update your site characteristics and to sign up to get your water use report sent to you electronically each billing period.

Each water unit (ccf) equals 748 gallons. Your "Budget Range" is plus or minus 15% of your site's water budget. The Ration Allotments shown may vary with severity of drought.

Bring your Water Use Report and questions to Hillsborough's Environmental Fair and BBQ, Saturday, June 4, 10 a.m. - 2 p.m. at Town Hall. Town staff and water conservation professionals will be available to answer your questions.

# Attachment 16

DWR UWMP Checklist

Table I-2 Urban Water Management Plan Checklist, Organized by Subject

No.	UWMP Requirement *	Calif. Water Code Reference	Additional Clarification	UWMP Location
<b>PLAN PREPARATION</b>				
4	Coordinate the preparation of its plan with other appropriate agencies in the area, including other water suppliers that share a common source, water management agencies, and relevant public agencies, to the extent practicable.	10620(d)(2)		1.2
6	Notify, at least 60 days prior to the public hearing on the plan required by Section 10642, any city or county within which the supplier provides water that the urban water supplier will be reviewing the plan and considering amendments or changes to the plan. Any city or county receiving the notice may be consulted and provide comments.	10621(b)		1.2
7	Provide supporting documentation that the UWMP or any amendments to, or changes in, have been adopted as described in Section 10640 et seq.	10621(c )		
54	Provide supporting documentation that the urban water management plan has been or will be provided to any city or county within which it provides water, no later than 60 days after the submission of this urban water management plan.	10635(b)		1.2
55	Provide supporting documentation that the water supplier has encouraged active involvement of diverse social, cultural, and economic elements of the population within the service area prior to and during the preparation of the plan.	10642		1.2
56	Provide supporting documentation that the urban water supplier made the plan available for public inspection and held a public hearing about the plan. For public agencies, the hearing notice is to be provided pursuant to Section 6066 of the Government Code. The water supplier is to provide the time and place of the hearing to any city or county within which the supplier provides water. Privately-owned water suppliers shall provide an equivalent notice within its service area.	10642		1.2
57	Provide supporting documentation that the plan has been adopted as prepared or modified.	10642		1.2
58	Provide supporting documentation as to how the water supplier plans to implement its plan.	10643		1.3

Table I-2 Urban Water Management Plan Checklist, Organized by Subject

No.	UWMP Requirement *	Calif. Water Code Reference	Additional Clarification	UWMP Location
59	Provide supporting documentation that, in addition to submittal to DWR, the urban water supplier has submitted this UWMP to the California State Library and any city or county within which the supplier provides water supplies a copy of its plan no later than 30 days after adoption. This also includes amendments or changes.	10644(a)		1.2
60	Provide supporting documentation that, not later than 30 days after filing a copy of its plan with the department, the urban water supplier has or will make the plan available for public review during normal business hours	10645		1.2
SYSTEM DESCRIPTION				
8	Describe the water supplier service area.	10631(a)		2.2, 2.3
9	Describe the climate and other demographic factors of the service area of the supplier.	10631(a)		2.4
10	Indicate the current population of the service area	10631(a)	Provide the most recent population data possible. Use the method described in "Baseline Daily Per Capita Water Use." See Section M. 2035 and 2040 can also be provided to support consistency with Water Supply Assessments and Written Verification of Water Supply documents.	2.5
11	Provide population projections for 2015, 2020, 2025, and 2030, based on data from State, regional, or local service area population projections.	10631(a)		2.5
12	Describe other demographic factors affection the supplier's water management planning.	10631(a)		2.5

Table I-2 Urban Water Management Plan Checklist, Organized by Subject

No.	UWMP Requirement *	Calif. Water Code Reference	Additional Clarification	UWMP Location
SYSTEM DEMANDS				
1	Provide baseline daily per capita water use, urban water use target, interim urban water use target, and compliance daily per capita water use, along with the bases for determining those estimates, including references to supporting data.	10608.20(e)		3.3
2	<i>Wholesalers:</i> Include an assessment of present and proposed future measures, programs, and policies to help achieve the water use reductions. <i>Retailers:</i> Conduct at least one public hearing that includes general discussion of the urban retail water supplier's implementation plan for complying with the Water Conservation Bill of 2009.	10608.36 10608.26(a)	Retailers and wholesalers have slightly different requirements 2015 and 2020	n/a
3	Report Progress in meeting urban water use targets using the standardized form.	10608.4	requirement only Consider 'past' to be 2005, present to be 2010, and projected to be 2015, 2020, 2025, and 2030. Provide numbers for each category for each of these years.	n/a
25	Quantify past, current, and projected water use, identifying the uses among water use sectors, for the following: (A) single-family residential, (B) multifamily, (c ) commercial, (D) industrial, (E) institutional and governmental, (F) landscape, (G) sales to other agencies, (H) saline water intrusion barriers, groundwater recharge, conjunctive use, and (I) agriculture.	10631(e)(1)		3.2, 3.3.4
33	Provide documentation that either the retail agency provided the wholesale agency with water use projections for at least 20 years, if the UWMP agency is a retail agency, OR, if a wholesale agency, it provided its urban retail customers with future planned and existing water source available to it from the wholesale agency during the required water-year types	10631(k)	Average year, single dry year, multiple dry years for 2015, 2020, 2025, and 2030.	3.3.4.3
34	Include projected water use for single-family and multifamily residential housing needed for lower income households, as identified in the housing element of any city, county, or city and county in the service area of the supplier.	10631.1(a)		3.3.4.4
SYSTEM SUPPLIES				

Table I-2 Urban Water Management Plan Checklist, Organized by Subject

No.	UWMP Requirement *	Calif. Water Code Reference	Additional Clarification	UWMP Location
13	Identify and quantify the existing and planned sources of water available for 2015, 2020, 2025, and 2030.	10631(b)	The 'existing' water sources should be for the same year as the "current population" in line 10. 2035 and 2040 can also be provided.	4.1
14	Indicate whether groundwater is an existing or planned source of water available to the supplier. If yes, then completed 15 through 21 of the UWMP Checklist. If no, then indicate "not applicable" in lines 15 through 21 under the UWMP location column.	10631(b)	Source classifications are: surface water, groundwater, recycled water, storm water, desalinated sea water, desalinated brackish groundwater, and other.	4.1.2
15	Indicate whether a groundwater management plan has been adopted by the water supplier or if there is any other specific authorization for groundwater management. Include a copy of the plan or authorization.	10631(b)(1)		4.1.2
16	Describe the groundwater basin.	10631(b)(2)		4.1.2
17	Indicate whether the groundwater basin is adjudicated. Include a copy of the court order or decree.	10631(b)(2)		4.1.2
18	Describe the amount of groundwater the urban water supplier has the legal right to pump under the order or decree. If the basin is not adjudicated, indicate "not applicable" in the UWMP location column.	10631(b)(2)		4.1.2

Table I-2 Urban Water Management Plan Checklist, Organized by Subject

No.	UWMP Requirement *	Calif. Water Code Reference	Additional Clarification	UWMP Location
19	For groundwater basins that are not adjudicated, provide information as to whether DWR has identified the basin or basins as overdrafted or has projected that the basin will become overdrafted if present management conditions continue, in the most current official departmental bulletin that characterizes the condition of the groundwater basin, and a detailed description of the efforts being undertaken by the urban water supplier to eliminate the long-term overdraft condition. If the basin is adjudicated, indicate "not applicable" in the UWMP location column.	10631(b)(2)		4.1.2
20	Provide a detailed description and analysis of the location, amount, and sufficiency of groundwater pumped by the urban water supplier for the past five years	10631(b)(3)		4.1.2
21	Provide a detailed description and analysis of the amount and location of groundwater that is projected to be pumped.	10631(b)(4)	Provide projections for 2015, 2020, 2025, and 2030.	4.1.2
24	Describe the opportunities for exchanges or transfers of water on a short-term or long-term basis.	10631(d)		4.2.3
30	Include a detailed description of all water supply projects and programs that may be undertaken by the water supplier to address water supply reliability in average, single-dry , and multiple-dry years, excluding demand management programs addressed in (f)(1). Include specific projects, describe water supply impacts, and provide a timeline for each project.	10631(h)		4.4
31	Describe desalinated water project opportunities for long-term supply, including, but not limited to, ocean water, brackish water, and groundwater.	10631(i)		4.2.1
44	Provide information on recycled water and its potential for use as a water source in the service area of the urban water supplier. Coordinate with local water, wastewater, groundwater, and planning agencies that operate within the supplier's service area.	10633		4.2.5
45	Describe the wastewater collection and treatment systems in the supplier's service area, including a quantification of the amount of wastewater collected and treated and the methods of wastewater disposal.	10633(a)		4.2.5

Table I-2 Urban Water Management Plan Checklist, Organized by Subject

No.	UWMP Requirement *	Calif. Water Code Reference	Additional Clarification	UWMP Location
46	Describe the quantity of treated wastewater that meets recycled water standards, is being discharged, and is otherwise available for use in a recycled water project.	10633(b)		4.2.5
47	Describe the recycled water currently being used in the supplier's service area, including, but not limited to, the type, place, and quantity of use.	10633(c )		4.2.5
48	Describe and quantify the potential uses of recycled water, including, but not limited to, agricultural irrigation, landscape irrigation, wildlife habitat enhancement, wetlands, industrial reuse, groundwater recharge, indirect potable reuse, and other appropriate uses, and a determination with regard to the technical and economic feasibility of serving those uses.	10633(d)		4.2.5
49	The projected use of recycled water within the supplier's service area at the end of 5, 10, 15, and 20 years, and a description of the actual use of recycled water in comparison to uses previously projected.	10633(e)		4.2.5
50	Describe the actions, including financial incentives, which may be taken to encourage the use of recycled water, and the projected results of these actions in terms of acre-feet of recycled water used per year.	10633(f)		4.2.5
51	Provide a plan for optimizing the use of recycled water in the supplier's service area, including actions to facilitate the installation of dual distribution systems, to promote recirculating uses, to facilitate the increased use of treated wastewater that meets recycled water standards, and to overcome any obstacles to achieving that increased use.	10633(f)		4.2.5
<b>WATER SHORTAGE RELIABILITY AND WATER SHORTAGE CONTINGENCY PLANNING**</b>				
5	Describe water management tools and options to maximize resources and minimize the need to import water from other regions.	10620(f)		Chapter 5, various
22	Describe the reliability of the water supply and vulnerability to seasonal or climatic shortage and provide data for (A) an average water year, (B) a single dry water year, and (c ) multiple dry water years.	10631(c )(1)		5.2
23	For any water source that may not be available at a consistent level of use - given specific legal, environmental, water quality, or climatic factors - describe plans to supplement or replace that source with alternative sources or water demand management measures, to the extent practicable.	10631 (c )(2)		Chapter 5, various

Table I-2 Urban Water Management Plan Checklist, Organized by Subject

No.	UWMP Requirement *	Calif. Water Code Reference	Additional Clarification	UWMP Location
35	Provide an urban water shortage contingency analysis that specifies stages of action, including up to a 50-percent water supply reduction, and an outline of specific water supply conditions at each stage	10632(a)		5.6.2
36	Provide an estimate of the minimum water supply available during each of the next three water years based on the driest three-year historic sequence for the agency's water supply	10632(b)		5.5.3, 5.5.4
37	Identify actions to be undertaken by the urban water supplier to prepare for, and implement during, a catastrophic interruption of water supplies including, but not limited to, a regional power outage, an earthquake, or other disaster.	10632(c)		5.6
38	Identify additional, mandatory prohibitions, against specific water use practices during water shortages, including, but not limited to, prohibiting the use of potable water for street cleaning.	10632(d)		5.6.2.2
39	Specify consumption reduction methods in the most restrictive stages. Each urban water supplier may use any type of consumption reduction methods in its water shortage contingency analysis that would reduce water use, are appropriate for its area, and have the ability to achieve a water reduction consistent with up to a 50 percent reduction in water supply.	10632(e)		5.6.2.2
40	Indicated penalties or charges for excessive use, where applicable.	10632(f)		5.6.2.2, 5.6.2.3
41	Provide an analysis of the impacts of each of the actions and conditions described in subdivisions (a) to (f), inclusive, on the revenues and expenditures of the urban water supplier, and proposed measures to overcome those impacts, such as the development of reserves and rate adjustments.	10632(g)		5.6
42	Provide a draft water shortage contingency resolution or ordinance.	10632(h)		Attachment 14
43	Indicate a mechanism for determining actual reductions in water use pursuant to the urban water shortage contingency analysis.	10632(i)		5.6

Table I-2 Urban Water Management Plan Checklist, Organized by Subject

No.	UWMP Requirement *	Calif. Water Code Reference	Additional Clarification	UWMP Location
52	Provide information , to the extent practicable, relating to the quality of existing sources of water available to the supplier over the same five-year increments, and the manner in which water quality affects water management strategies and supply reliability Assess the water supply reliability during normal, dry, and multiple dry water years by comparing the total water supply sources available toe the water supplier with the total projected water use of the next 20 years, in five-year increments, for a normal water year, a single dry water year, and multiple dry water years. Base the assessment on the information compiled under Section 10631, including available data from state, regional, or local agency population projections within the service area of the urban water supplier.	10634	For years 2010, 2015, 2020, 2025, and 2030	5.6.3
53	supplier.	10635(a)		5.5.4
DEMAND MANAGEMENT MEASURES				
26	Describe how each water demand management measure is being implemented or scheduled for implementation. Use the list provided.	10631(f)(1)	Discuss each DMM, even if it is not currently planned for implementation. Provide any appropriate schedules.	Chapter 6
27	Describe the methods the supplier uses to evaluate the effectiveness of DMMs implemented or described in the UWMP.	10631(f)(3)		6.6
28	Provide an estimate, if available, of existing conservation savings on water use within the supplier's service area, and the effect of the savings on the ability to further reduce demand.	10631(f)(4)		n/a
29	Evaluate each water demand management measure that is not currently being implemented or scheduled for implementation. The evaluation should include economic and non-economic factors, cost-benefit analysis, available funding, and the water supplier's legal authority to implement the work.	10631(g)	See 10631(g) for additional wording.	Chapter 6

Table I-2 Urban Water Management Plan Checklist, Organized by Subject

No.	UWMP Requirement *	Calif. Water Code Reference	Additional Clarification	UWMP Location
32	Include the annual reports submitted to meet the Section 6.2 requirements, if a member of the CUWCC and signer of the December 10, 2008 MOU.	10631(j)	Signers of the MOU that submit the annual reports are deemed compliant with Items 28 and 29.	n/a

\* The UWMP Requirement descriptions are general summaries of what is provided in the legislation. Urban water suppliers should review the exact legislative wording prior to submitting its UWMP.

\*\*The Subject Classification is provided for clarification only. It is aligned with the organization presented in Part I of this guidebook. A water supplier is free to address the UWMP Requirement anywhere with its UWMP, but is urged to provide clarification to DWR to facilitate review.